



UTILITY & INFRASTRUCTURE BOARD

August 14, 2018

4:00 P.M.

Fremont Municipal Building, 2nd Floor Conference Room,
400 East Military, Fremont Nebraska

REGULAR MEETING:

1. Meeting called to order
2. Roll call

CONSENT AGENDA: *All items in the consent agenda are considered to be routine by the Utility and Infrastructure Board and will be enacted by one motion. There will be no separate discussion of these items unless a Board Member or a citizen so requests, in which event the item will be removed from the consent agenda and considered separately.*

3. Approve minutes of July 31, 2018.
4. Consider Accounts Payable through August 14, 2018.
5. Receive Investment Report.

REGULAR AGENDA:

6. Consider League Association of Risk Management (LARM) Insurance Renewal.
7. Consider bid for Vacuum Trailer with Valve Exerciser for Utility Departments.
8. Consider Renewal of Powder Activated Carbon contract for Lon D. Wright Power Plant.
9. Consider bid for Water and Sewer Extensions to Nebraska Irrigated Seeds site on U.S. Hwy 77/Broad Street.
10. Consider Change Order #3 for Carstensen Contracting for Utilities Extension to Processing Site.
11. Consider draft of Integrated Resource Plan for Department of Utilities.
12. City Administrator Update (no board action is requested).
 - a. Data Center
 - b. Solar Farm #2
 - c. Electric Vehicle Charging Stations

13. Adjournment

The agenda was posted at the Municipal Building on August 10, 2018. The agenda and enclosures are distributed to Board and posted on the City of Fremont's website. The official current copy of the agenda is available at Municipal Building, 400 East Military, office of the City Administrator. A copy of the Open Meeting Law is posted in the 2nd floor conference room for review by the public. The Utility & Infrastructure Board reserves the right to adjust the order of items on this agenda.

**CITY OF FREMONT UTILITY AND INFRASTRUCTURE BOARD
JULY 31, 2018 - 4:00 P.M.**

A meeting of the Utility and Infrastructure Board was held on July 31, 2018 at 4:00 p.m. in the 2nd floor meeting room at 400 East Military, Fremont, Nebraska. The meeting was preceded by publicized notice in the Fremont Tribune and the agenda displayed in the Municipal Building. The meeting was open to the public. A continually current copy of the agenda was available for public inspection at the office of the City Administrator, 400 East Military. The agenda was distributed to the Utility and Infrastructure Board on July 27, 2018 and posted, along with the supporting documents, on the City's website. A copy of the open meeting law is posted continually for public inspection.

ROLL CALL

Roll call showed Board Members Sawtelle, Shelso, Bolton, and Vering present. 4 present, 0 absent. Others in attendance included Troy Schaben, Asst. City Admin-Utilities; Jody Sanders, Dir of Finance; Jeff Shanahan, Power Plant Supt.; Keith Kontor, WWTP Supt.; Dave Goedeken, Public Works Director; Dean Kavan, Warehouse Sup.; Jan Rise, Dir. Admin. Services; Lottie Mitchell, Exec. Assist; and Michelle Wiese, potential board member.

CONSENT AGENDA

Moved by Member Shelso and seconded by Member Bolton to approve items 3-5 (Minutes from July 10, 2018, Accounts Payable through July 31, 2018, and the Collections Report). Motion carried 4-0.

REVIEW QUARTERLY STATEMENT OF OPERATIONS AND NET POSITION AS OF JUNE 2018.

Sanders gave overview of statements. Moved by Member Vering and seconded by Member Shelso to receive Quarterly Statement of Operations and Net Position as of June 2018. Motion carried 4-0.

CONSIDER BID FOR ALTEC D3050B DIGGER DERRICK TRUCK FOR ELECTRIC DISTRIBUTION DEPARTMENT.

Schaben gave overview. Moved by Member Bolton and seconded by Member Vering to recommend to City Council to approve the bid for Altec D3050 B Digger Derrick Truck to Altec Industries through the National Joint Powers Alliance in the amount of \$278,960. Motion carried 4-0.

CONSIDER BID FOR ALTEC AT41M ARTICULATING TELESCOPIC AERIAL DEVICE FOR ELECTRIC DISTRIBUTION DEPARTMENT.

Schaben gave overview. Moved by Member Bolton and seconded by Member Shelso to recommend to City Council to approve the bid for Altec AT41M Articulating Telescopic Aerial Device to Altec Industries through the National Joint Powers Alliance in the amount of \$157,443. Motion carried 4-0.

CONSIDER BID FOR FREIGHTLINER/SERCO LOADER TRUCK FOR ELECTRICAL DISTRIBUTION DEPARTMENT.

Schaben gave overview. Moved by Member Shelso and seconded by Member Vering to recommend City Council approve the bid for Freightliner/Serco Loader Truck to Truck Center Companies through the NE State Contract in the amount of \$166,315. Motion carried 4-0.

CONSIDER BID FOR GENERATORS FOR WASTEWATER TREATMENT PLANT AND

WEST CHEMICAL BUILDING.

Kontor gave overview of generators. Moved by Member Vering and seconded by Member Bolton to recommend City Council approve bid for Generators and Transfer Switches from Cummins Great Plains through the National Joint Power Alliance in the amount of \$59,960.00. Motion carried 4-0.

CONSIDER BID FOR 15KV PRIMARY UNDERGROUND DISTRIBUTION CABLE FOR SUBSTATION B.

Kavan gave overview. Moved by Member Shelso and seconded by Member Vering to recommend City Council approve bid for 15KV Primary Underground Distribution from Wesco Distribution Inc. in the amount of \$120,129.60. Motion carried 4-0.

CONSIDER BID FOR 2018 PAVEMENT REHABILITATION PROJECT.

Goedeken gave overview. Moved by Member Shelso and seconded by Member Vering to recommend City Council approved bid for 2018 Pavement Rehabilitation Project to Sawyer Construction in the amount of \$220,000. Motion carried 4-0.

CONSIDER BID FOR TRAFFIC SIGNAL IMPROVEMENTS AT 9TH AND BROAD ST. AND 16TH AND BROAD ST.

Goedeken gave overview. Moved by Member Bolton and seconded by Member Shelso to recommend to City Council to approve bid for Traffic Signal Improvements at 9th and Broad and 16th and Broad St. to Vierregger Electric Company in the amount of \$204,263.07. Motion carried 4-0.

CONSIDER BID FOR NORTH SOMERS AVENUE BRIDGE REHABILITATION PROJECT.

Goedeken gave overview. Moved by Member Bolton and seconded by Member Vering to recommend to City Council to approve bid for North Somers Avenue Bridge Rehabilitation Project to A&R Construction Co. in the amount of \$234,618.92. Motion carried 4-0.

CONSIDER MILITARY AVENUE ASPHALT OVERLAY PROJECT.

Goedeken gave overview. Moved by Member Vering and Seconded by Member Shelso to recommend to City Council to approve bid for Military Avenue Asphalt Overlay Project to Pavers, Inc. in the amount of \$242,739.50. Motion carried 4-0.

CONSIDER FREMONT STORMWATER MS4 COMPLIANCE ASSISTANCE SERVICES.

Goedeken gave overview. Moved by Member Shelso and seconded by Member Vering to recommend to City Council to approve bid for Fremont Stormwater MS4 Compliance Assistance Services to Felsburg Holt & Ullevig in the amount not to exceed \$25,000 without prior written agreement by the City of Fremont. Motion carried 4-0.

CONSIDER REJECTING ALL BIDS FOR WELLFIELD CHEMICAL FEED BUILDING MODIFICATIONS.

Schaben explained bid Wellfield Chemical Feed Building twice. Bids came back over budget. Utility Staff can complete the project within budgeted amount. Moved by Member Bolton and seconded by Member Vering to reject all bids for Wellfield Chemical Feed Building Modifications and allow Utility Staff to complete project. Motion carried 4-0.

CONSIDER DECLARATION OF OFFICIAL INTENT FOR REIMBURSEMENT OF EXPENSES FROM THE PROCEEDS OF THE COMBINED UTILITY REVENUE BONDS YET TO BE ISSUED.

Sanders explained was declaration is for. Moved by Member Shelso and Seconded by

Member Vering to recommend to City Council to approve the declaration of official intent for reimbursement of expenses from the proceeds of the combined utility revenue bonds yet to be issued. Motion carried 4-0.

CONSIDER CHANGE ORDER #2 FOR CARSTENSEN CONTRACTING FOR UTILITIES EXTENSION TO PROPOSED PROCESSING SITE.

Schaben stated is for services to Hormel. Moved by Member Vering and seconded by Member Shelso to recommend to City Council to approve Change Order #2 for Carstensen Contracting for Utilities Extension to Proposed Processing Site in the amount of \$149,678.50. Motion carried 4-0.

CONSIDER ISSUING REQUEST FOR PROPOSALS FOR 5 MEGAWATT PRIVATE SOLAR FARM POWER PURCHASE AGREEMENT.

Schaben talked about pros and cons of proposed Solar Power Purchase Agreement. Moved by Member Vering and seconded by Member Bolton to continue item until Solar Farm #2 has been marketed to commercial businesses. Motion carried 4-0.

CITY ADMINISTRATOR UPDATE (NO BOARD ACTION IS REQUESTED).

Schaben stated no new developments with the potential Data Center in the Fremont Business Park.

Received public comment from Nina Kavich regarding the David Kavich Parking Garage on 5th and Park Streets. Ms. Kavich listed concerns including inadequate lighting, safety issues, and requested to have cement parking blocks moved to create larger parking stalls. There was no discussion from the board.

ADJOURNMENT

Moved by Member Bolton and seconded by Member Vering to adjourn at 5:04 p.m. Motion carried 4-0.

Allen Sawtelle, Chairman

Toni Vering, Secretary

David Shelso

Gary Bolton

STAFF REPORT

TO: Utility and Infrastructure Board (UIB)
Brian Newton, City Administrator
Troy Schaben, Assistant City Administrator - Utilities

FROM: Jody Sanders, CPA, Director of Finance

DATE: August 9, 2018

SUBJECT: Claims

Recommendation: Move to approve August 1 through August 14, 2018 claims, as well as subsequent claims due and payable before the next meeting of the UIB.

Background: Staff is requesting approval by the UIB to pay claims that will become due and payable (by virtue of contractual agreements or regulatory requirements) before the next UIB meeting.

The amount due is not known as of this staff report, but the related vendors are listed below. These approved claims will still be presented as claims at the next UIB meeting and included in the total requested by Council for approval.

- Direct deposit of employee payroll on August 23, 2018 and related withholdings remitted to pension plans, federal and state tax withholdings, and garnishments.
- Nebraska Department of Revenue – all sales tax collected and use tax owed by the utility departments.
- Transmission and energy purchases payable to Southwest Power Pool, every Tuesday.
- Construction, transmission and energy purchases payable to Omaha Public Power District.
- Natural gas purchases from Northern Natural Gas/US Energy, BP, Cargill and Central Plains Energy Project (CPEP).
- Coal purchases from Cloud Peak Energy Resources, and Peabody Coal, and freight charges to Union Pacific.
- UPS weekly invoice for shipping costs, due within ten days or late fees are incurred.

There are a limited number of agencies that debit the City's bank account for credit card processing fees, kiosk fees, and bank analysis. These are based on a fee schedule.

Fiscal Impact: Utility funds claims total **\$ 2,963,395.62**

EAL DESCRIPTION: EAL: 07302018 ANDERSEND

PAYMENT TYPES

Checks	Y
EFTs	Y
ePayables	Y

VOUCHER SELECTION CRITERIA

Voucher/discount due date	07/30/2018
All banks	A

REPORT SEQUENCE OPTIONS:

Vendor	X	One vendor per page? (Y,N)	N
Bank/Vendor		One vendor per page? (Y,N)	N
Fund/Dept/Div		Validate cash on hand? (Y,N)	N
Fund/Dept/Div/Element/Obj		Validate cash on hand? (Y,N)	N
Proj/Fund/Dept/Div/Elm/Obj			

This report is by: Vendor

Process by bank code? (Y,N)	Y
Print reports in vendor name sequence? (Y,N)	Y
Calendar year for 1099 withholding	2018
Disbursement year/per	2018/10
Payment date	07/30/2018

Electric Fund – 051
Water Fund – 053
Sewer Fund – 055
Gas Fund – 057

VEND NO	SEQ#	VENDOR NAME						EFT, EPAY OR
INVOICE	VOUCHER	P.O.	BNK	CHECK/DUE	ACCOUNT	ITEM	CHECK	HAND-ISSUED
NO	NO	NO		DATE	NO	DESCRIPTION	AMOUNT	AMOUNT
0003109	00	UPS						
5E9752308			00	07/30/2018	051-5001-940.60-79	7/28/18 Serv Chrg Share	6.75	
5E9752308			00	07/30/2018	051-5001-940.60-79	7/28/18 Serv Chrg Share	6.75	
5E9752308			00	07/30/2018	051-5001-940.60-79	City - eBay Sale	32.28	
5E9752308			00	07/30/2018	051-5001-940.60-79	City/E911-Amer Messaging	10.46	
5E9752308			00	07/30/2018	051-5105-502.60-79	Ohio Lumex Co	88.94	
5E9752308			00	07/30/2018	051-5105-502.60-79	UC Serv Corp-Dan Schultz	13.14	
5E9752308			00	07/30/2018	053-6105-502.50-23	Water Samples	156.51	
5E9752308			00	07/30/2018	055-7105-502.60-79	Acrison Inc	14.07	
5E9752308			00	07/30/2018	055-7105-502.60-79	Environmental Analysis So	254.87	
VENDOR TOTAL *							583.77	
TOTAL EXPENDITURES ****							583.77	
GRAND TOTAL *****								583.77

EAL DESCRIPTION: EAL: 08082018 ANDERSEND

PAYMENT TYPES

Checks	Y
EFTs	Y
ePayables	Y

VOUCHER SELECTION CRITERIA

Voucher/discount due date	08/09/2018
All banks	A

REPORT SEQUENCE OPTIONS:

Vendor	X	One vendor per page? (Y,N)	N
Bank/Vendor		One vendor per page? (Y,N)	N
Fund/Dept/Div		Validate cash on hand? (Y,N)	N
Fund/Dept/Div/Element/Obj		Validate cash on hand? (Y,N)	N
Proj/Fund/Dept/Div/Elm/Obj			

This report is by: Vendor

Process by bank code? (Y,N)	Y
Print reports in vendor name sequence? (Y,N)	Y
Calendar year for 1099 withholding	2018
Disbursement year/per	2018/11
Payment date	08/08/2018

PROGRAM: GM339L

AS OF: 08/09/2018

PAYMENT DATE: 08/08/2018

DEPARTMENT OF UTILITIES

VEND NO INVOICE NO	SEQ# VOUCHER NO	VENDOR NAME P.O. NO	BNK	CHECK/DUE DATE	ACCOUNT NO	ITEM DESCRIPTION	CHECK AMOUNT	EFT, EPAY OR HAND-ISSUED AMOUNT
0000584 20180809	00	CEI PR0809	00	08/09/2018	051-0000-241.00-00	PAYROLL SUMMARY	EFT:	147,314.92
						VENDOR TOTAL *	.00	147,314.92
0004229 20180809	00	CREDIT MANAGEMENT SERVICES INC - PR PR0809	00	08/09/2018	051-0000-241.00-00	PAYROLL SUMMARY	145.55	
						VENDOR TOTAL *	145.55	
0002999 20180809	00	LAUGHLIN TRUSTEE, KATHLEEN A PR0809	00	08/09/2018	051-0000-241.00-00	PAYROLL SUMMARY	35.00	
						VENDOR TOTAL *	35.00	
0005002 20180809	00	NATIONAL ACCOUNT SYSTEMS OF OMAHA PR0809	00	08/09/2018	051-0000-241.00-00	PAYROLL SUMMARY	524.84	
						VENDOR TOTAL *	524.84	
0004653 20180809	00	NEBRASKA DEPT OF REVENUE-GARNISHMNT PR0809	00	08/09/2018	051-0000-241.00-00	PAYROLL SUMMARY	40.00	
						VENDOR TOTAL *	40.00	
0003136 1016 JUL 2018	00	NORTHERN NATURAL GAS CO *FNB WIRE* 00 08/08/2018	00	08/08/2018	057-8205-807.50-02		106,521.08	Natural Gas purchase
						VENDOR TOTAL *	106,521.08	
0004192 20180809	00	PAYROLL EFT DEDUCTIONS PR0809	00	08/09/2018	051-0000-241.00-00	PAYROLL SUMMARY	171,888.33	
						VENDOR TOTAL *	171,888.33	
0003109 5E9752318 5E9752318 5E9752318 5E9752318 5E9752318 5E9752318 5E9752318 5E9752318 5E9752318 5E9752318 5E9752318 5E9752318	00	UPS	00	08/08/2018 08/08/2018 08/08/2018 08/08/2018 08/08/2018 08/08/2018 08/08/2018 08/08/2018 08/08/2018 08/08/2018 08/08/2018 08/08/2018	051-5001-940.60-79 051-5001-940.60-79 051-5001-940.60-79 051-5001-940.60-79 051-5105-502.60-79 051-5105-502.60-79 051-5105-502.60-79 051-5105-502.60-79 051-5105-502.60-79 051-5205-580.60-79 051-5205-580.60-79 053-6105-502.50-23	8/04/18 Serv Chrg Share 8/04/18 Serv Chrg Share City - eBay Sales Tower Alliance LLC Statesville Process Instr Gai-Tronics Corp NovaTech LLC Ohio Lumex Co Skarshaug Testing Labs IML North America Water Samples	6.75 6.75 147.17 28.37 10.66 14.15 15.28 115.67 115.02 157.75 74.58	
						VENDOR TOTAL *	692.15	
						EFT/EPAY TOTAL ***		147,314.92
						TOTAL EXPENDITURES ****	279,846.95	147,314.92
					GRAND TOTAL	*****		427,161.87

Prepared 8/08/18, 14:29:41
Pay Date 8/09/18
Primary FIRST NATIONAL BANK

CITY OF FREMONT
Direct Deposit Register

Page 34
Program PR530L

Account Number	Employee Name	Social Security	Deposit Amount
-------------------	---------------	--------------------	-------------------

Final Total	274,731.87	Count	178
-------------	------------	-------	-----

DEPARTMENT OF UTILITIES
ELECTRONIC WITHDRAWAL LIST

FOR UTILITIES AND INFRASTRUCTURE BOARD MEETING: 8/14/18

AJ		WITHDRAWAL			WITHDRAWAL
GROUP NO	VENDOR NAME	DATE	ACCOUNT NO	ITEM DESCRIPTION	AMOUNT
7910	TSYS MERCHANT SOLUTIONS	08/03/18	051-5001-903-60-77	CREDIT CARD FEES	1,954.85
7910	TSYS MERCHANT SOLUTIONS	08/03/18	051-5001-903-60-77	CREDIT CARD FEES	6,803.94
7924	VANTIV	08/07/18	051-5001-903-60-77	KIOSK CREDIT CARD FEES	28.80
				TOTAL EXPENDITURES	8,787.59

Nebraska and Local Sales and Use Tax Return

FORM
10

Tax Cat. 1 | Nebr. I.D. Number **55808** | Rpt. Code 1 | Tax Period 7/2018

Reference No.: 01B005033727
Date Filed: Thu, Aug 02, 2018 09:31:17 AM
Scheduled Payment Amount: \$272,414.29
Scheduled Payment Date: Wed, Aug 15, 2018

27753

Due Date: 08/20/2018

NAME AND LOCATION

DEPARTMENT OF UTILITIES
400 E MILITARY AVE
FREMONT, NE 68025-5141

NAME AND MAILING ADDRESS

DEPARTMENT OF UTILITIES
400 E MILITARY AVE
FREMONT, NE 68025-5141

☐ Check the box if your business has permanently closed, has been sold to someone else, or your permit is no longer needed.
New owners must apply for their own sales tax permit.

1	Gross sales and services	1	6,870,470.00
2	Net taxable sales	2	3,914,357.00
3	Nebraska sales tax (line 2 multiplied by .055)	3	215,289.64
4	Nebraska use tax	4	6,337.47
5	Local use tax from Nebraska Schedule I	5	1,728.40
6	Local sales tax from Nebraska Schedule I	6	49,133.78
7	Total Nebraska and local sales tax (line 3 plus line 6)	7	264,423.42
8	Sales tax collection fee (line 7 multiplied by .025; Maximum allowed \$75.00 per location)	8	75.00
9	Sales tax due (line 7 minus line 8)	9	264,348.42
10	Total Nebraska and local use tax (line 4 plus line 5)	10	8,065.87
11	Total Nebraska and local sales and use tax due (line 9 plus line 10)	11	272,414.29
12	Previous balance with applicable interest at 3.0% per year and payments received through	12	

13 BALANCE DUE (line 11 plus or minus line 12). Pay in full 13 272,414.29

Under penalties of law, I declare that, as a taxpayer or preparer I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is correct and complete.

NE Sales & Use Tax for the month of July 2018

Sales Tax Payable	051-0000-236-0000	\$ 264,423.40
Sales & Use Tax	051-0000-236-0100	\$ 4,096.86
	053-0000-236-0100	\$ 3,950.03
	057-0000-236-0100	\$ 18.98

Collection Fee	051-5001-421-0000	\$ 74.98
Cash/Total Due	051-0000-131-0000	\$ 268,445.28

EAL DESCRIPTION: EAL: 08092018 ANDERSEND

PAYMENT TYPES

Checks	Y
EFTs	Y
ePayables	Y

VOUCHER SELECTION CRITERIA

Voucher/discount due date	08/15/2018
All banks	A

REPORT SEQUENCE OPTIONS:

Vendor	X	One vendor per page? (Y,N)	N
Bank/Vendor		One vendor per page? (Y,N)	N
Fund/Dept/Div		Validate cash on hand? (Y,N)	N
Fund/Dept/Div/Element/Obj		Validate cash on hand? (Y,N)	N
Proj/Fund/Dept/Div/Elm/Obj			

This report is by: Vendor

Process by bank code? (Y,N)	Y
Print reports in vendor name sequence? (Y,N) . .	Y
Calendar year for 1099 withholding	2018
Disbursement year/per	2018/11
Payment date	08/15/2018

PROGRAM: GM339L

AS OF: 08/15/2018

PAYMENT DATE: 08/15/2018

DEPARTMENT OF UTILITIES

VEND NO INVOICE NO	SEQ# VOUCHER NO	VENDOR NAME P.O. NO	BNK	CHECK/DUE DATE	ACCOUNT NO	ITEM DESCRIPTION	CHECK AMOUNT	EFT, EPAY OR HAND-ISSUED AMOUNT
0000957	00	AAA GARAGE DOOR INC						
1844665		PI5441	00	08/15/2018	051-5001-940.50-35	PO NUM 048691	845.00	
1844743		PI5555	00	08/15/2018	051-5001-940.60-61	PO NUM 048884	790.00	
VENDOR TOTAL *							1,635.00	
0000959	00	ACE HARDWARE						
108843/3		PI5564	00	08/15/2018	051-5001-940.50-35	PO NUM 046535	21.38	
109126/3		PI5677	00	08/15/2018	051-5001-940.50-35	PO NUM 046535	16.04	
109002/3		PI5622	00	08/15/2018	051-5105-502.50-35	PO NUM 046535	23.69	
109090/3		PI5623	00	08/15/2018	051-5105-502.50-35	PO NUM 046535	21.38	
VENDOR TOTAL *							82.49	
0004276	00	AIRGAS USA LLC						
9078168975		PI5439	00	08/15/2018	051-5105-502.50-35	PO NUM 046954	EFT:	468.72
9078364149		PI5534	00	08/15/2018	051-5105-502.50-35	PO NUM 046954	EFT:	429.66
9078607944		PI5665	00	08/15/2018	051-5105-502.50-35	PO NUM 046954	EFT:	351.54
VENDOR TOTAL *							.00	1,249.92
0000965	00	ALL SYSTEMS LLC						
76910		PI5552	00	08/15/2018	051-5001-940.60-61	PO NUM 048860	4,137.00	
76956		PI5572	00	08/15/2018	051-5105-502.60-61	PO NUM 048789	1,192.00	
VENDOR TOTAL *							5,329.00	
0002612	00	ALTEC INDUSTRIES INC						
10994834		PI5550	00	08/15/2018	051-5205-580.50-35	PO NUM 048834	749.40	
VENDOR TOTAL *							749.40	
0004585	00	AMERICAN BROADBAND INTERNET						
51262 0818		PI5687	00	08/15/2018	051-5001-922.50-53	PO NUM 046702	195.00	
VENDOR TOTAL *							195.00	
0000164	00	AMERICAN PUBLIC GAS ASSOCIATION						
073118		PI5556	00	08/15/2018	057-8205-870.50-42	PO NUM 048900	995.00	
VENDOR TOTAL *							995.00	
0004587	00	AMERICAN UNDERGROUND SUPPLY LLC						
684826		PI5427	00	08/15/2018	053-0000-154.00-00	PO NUM 048854	1,002.83	
VENDOR TOTAL *							1,002.83	
9999999	00	ANDERSON, CASSIDEE M						
000076187		UT	00	08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	108.05	
VENDOR TOTAL *							108.05	
0002869	00	AQUA-CHEM INC						
00012962		PI5563	00	08/15/2018	053-6105-502.50-52	PO NUM 044664	1,490.47	
VENDOR TOTAL *							1,490.47	
0000430	00	ASPEN EQUIPMENT CO						
90029018		PI5652	00	08/15/2018	051-5001-940.50-48	PO NUM 048926	3,773.05	
90029018		PI5653	00	08/15/2018	051-5001-940.60-59	PO NUM 048926	2,828.77	

PROGRAM: GM339L

AS OF: 08/15/2018

PAYMENT DATE: 08/15/2018

DEPARTMENT OF UTILITIES

VEND NO	SEQ#	VENDOR NAME							EFT, EPAY OR
INVOICE	VOUCHER	P.O.	BNK	CHECK/DUE	ACCOUNT	ITEM	CHECK	HAND-ISSUED	
NO	NO	NO		DATE	NO	DESCRIPTION	AMOUNT	AMOUNT	
0000430	00	ASPEN EQUIPMENT CO							
90029018	PI5654		00	08/15/2018	051-5001-940.60-79	PO NUM 048926	196.34		
						VENDOR TOTAL *	6,798.16		
0004025	00	ASSOCIATED FIRE PROTECTION							
80433	PI5666		00	08/15/2018	051-5105-502.50-35	PO NUM 048270	EFT:	225.37	
80433	PI5667		00	08/15/2018	051-5105-502.60-61	PO NUM 048270	EFT:	130.54	
						VENDOR TOTAL *	.00	355.91	
9999999	00	BALDWIN, LUKE G							
000077359	UT		00	08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	135.94		
						VENDOR TOTAL *	135.94		
0004021	00	BINMASTER / GARNER INDUSTRIES							
PSI006083	PI5617		00	08/15/2018	051-0000-153.00-00	PO NUM 048439	2,930.87		
						VENDOR TOTAL *	2,930.87		
0003545	00	BOMGAARS SUPPLY INC							
16353020	PI5582		00	08/15/2018	051-5001-940.50-35	PO NUM 046536	32.09		
16353865	PI5583		00	08/15/2018	051-5001-940.50-35	PO NUM 046536	156.61		
16353022	PI5528		00	08/15/2018	055-7105-502.50-35	PO NUM 046536	65.96		
						VENDOR TOTAL *	254.66		
0002902	00	BORDER STATES / KRIZ-DAVIS							
915773489	PI5415		00	08/15/2018	051-0000-154.00-00	PO NUM 048668	EFT:	5.29	
915773485	PI5416		00	08/15/2018	051-0000-159.00-00	PO NUM 048742	EFT:	327.42	
915773484	PI5417		00	08/15/2018	051-0000-154.00-00	PO NUM 048752	EFT:	1,437.04	
915773486	PI5423		00	08/15/2018	051-0000-154.00-00	PO NUM 048838	EFT:	239.25	
915773488	PI5520		00	08/15/2018	051-0000-154.00-00	PO NUM 048651	EFT:	14,503.85	
915813626	PI5557		00	08/15/2018	051-0000-154.00-00	PO NUM 048651	EFT:	5,408.85	
915813628	PI5559		00	08/15/2018	051-0000-154.00-00	PO NUM 048668	EFT:	115.63	
915813625	PI5560		00	08/15/2018	051-0000-154.00-00	PO NUM 048838	EFT:	113.42	
915813629	PI5561		00	08/15/2018	051-0000-154.00-00	PO NUM 048874	EFT:	197.15	
915813631	PI5562		00	08/15/2018	051-0000-154.00-00	PO NUM 048901	EFT:	572.50	
915734866	PI5437		00	08/15/2018	051-5105-502.50-35	PO NUM 046547	EFT:	46.76	
915777992	PI5530		00	08/15/2018	051-5205-580.50-35	PO NUM 046547	EFT:	27.65	
915734865	PI5436		00	08/15/2018	055-7105-502.50-35	PO NUM 046547	EFT:	132.58	
915773490	PI5442		00	08/15/2018	055-7105-502.50-35	PO NUM 048710	EFT:	198.81	
915805619	PI5565		00	08/15/2018	055-7105-502.50-35	PO NUM 046547	EFT:	76.29	
915809197	PI5679		00	08/15/2018	055-7205-583.50-35	PO NUM 046547	EFT:	87.68	
915837520	PI5694		00	08/15/2018	055-7205-583.50-35	PO NUM 048948	EFT:	1,017.77	
915762724	PI5515		00	08/15/2018	057-8205-870.50-35	PO NUM 048871	EFT:	205.44	
915762724	PI5516		00	08/15/2018	057-8205-870.60-79	PO NUM 048871	EFT:	92.99	
						VENDOR TOTAL *	.00	24,806.37	
9999999	00	BRIDGES, APRIL M							
000041805	UT		00	08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	44.43		
						VENDOR TOTAL *	44.43		
0004875	00	CABOT NORIT AMERICAS INC							

PROGRAM: GM339L

AS OF: 08/15/2018

PAYMENT DATE: 08/15/2018

DEPARTMENT OF UTILITIES

VEND NO INVOICE NO	SEQ# VOUCHER NO	VENDOR NAME P.O. NO	BNK	CHECK/DUE DATE	ACCOUNT NO	ITEM DESCRIPTION	CHECK AMOUNT	EFT, EPAY OR HAND-ISSUED AMOUNT
0004875 25317857	00 RI	CABOT NORIT AMERICAS INC		00 08/15/2018	051-0000-158.01-00	8/01/18 LB	EFT:	28,110.60
								Powder activated carbon for LDW plant
						VENDOR TOTAL *	.00	28,110.60
0004518 238825	00 PI5601	CAPPEL AUTO SUPPLY INC		00 08/15/2018	051-5001-940.50-48	PO NUM 046570	117.04	
238380	PI5600			00 08/15/2018	051-5205-580.50-48	PO NUM 046570	67.35	
239080	PI5602			00 08/15/2018	051-5205-580.50-48	PO NUM 046570	76.51	
239134	PI5604			00 08/15/2018	051-5205-580.50-48	PO NUM 046570	38.49	
239505	PI5605			00 08/15/2018	051-5205-580.50-48	PO NUM 046570	4.71	
239086	PI5603			00 08/15/2018	053-6205-583.50-48	PO NUM 046570	162.70	
						VENDOR TOTAL *	466.80	
0004144 303253-00	00 PI5426	CARPENTER PAPER COMPANY		00 08/15/2018	051-0000-154.00-00	PO NUM 048848	115.43	
303369-00	PI5429			00 08/15/2018	051-0000-154.00-00	PO NUM 048865	1,594.73	
						VENDOR TOTAL *	1,710.16	
0000584 AUG 18 WC	00 CEI			00 08/15/2018	051-5001-919.20-29	Aug 2018 Worker Comp	EFT:	27,083.33
						VENDOR TOTAL *	.00	27,083.33
0004615 071812A197	00 CENTRAL PLAINS ENERGY PROJECT*WIRE*			00 08/15/2018	057-8205-807.50-02	July'18 Dth	26,636.75	Natural gas purchase
						VENDOR TOTAL *	26,636.75	
0002951 1348884-00	00 PI5522	CENTRAL STATES GROUP		00 08/15/2018	051-0000-153.00-00	PO NUM 048783	266.69	
						VENDOR TOTAL *	266.69	
0002675 4027216169	00 CENTURYLINK 0818PI5684			00 08/15/2018	051-5001-922.50-53	PO NUM 046575	87.35	
4027216223	0818PI5685			00 08/15/2018	051-5001-922.50-53	PO NUM 046575	90.72	
4027219747	0818PI5686			00 08/15/2018	051-5001-922.50-53	PO NUM 046575	51.43	
						VENDOR TOTAL *	229.50	
0005031 1445349445	00 CENTURYLINK (PHOENIX) PI5438			00 08/15/2018	051-5001-922.50-53	PO NUM 046698	173.60	
						VENDOR TOTAL *	173.60	
0004900 14939	00 CHEMCO SYSTEMS LP PI5422			00 08/15/2018	051-0000-153.00-00	PO NUM 048830	1,207.58	
						VENDOR TOTAL *	1,207.58	
0004027 9337650781	00 CLEMENT COMMUNICATIONS INC PI5612			00 08/15/2018	051-5001-940.50-35	PO NUM 048930	199.29	
9337650781	PI5613			00 08/15/2018	051-5001-940.60-79	PO NUM 048930	97.95	
9337650781	PI5614			00 08/15/2018	051-5105-502.50-35	PO NUM 048930	199.29	
9337650781	PI5615			00 08/15/2018	055-7105-502.50-35	PO NUM 048930	199.29	
						VENDOR TOTAL *	695.82	
0004524	00	CLOUD PEAK ENERGY RESOURCES *WIRE*						

PROGRAM: GM339L

AS OF: 08/15/2018

PAYMENT DATE: 08/15/2018

DEPARTMENT OF UTILITIES

VEND NO INVOICE NO	SEQ# VOUCHER NO	VENDOR NAME P.O. NO	BNK	CHECK/DUE DATE	ACCOUNT NO	ITEM DESCRIPTION	CHECK AMOUNT	EFT, EPAY OR HAND-ISSUED AMOUNT
0004524	00	CLOUD PEAK ENERGY RESOURCES			*WIRE*			
ACC-18-0696			00	08/15/2018	051-0000-152.00-00	7/22/18 tons	174,318.79	Coal purchase
						VENDOR TOTAL *	174,318.79	
0004889	00	COMFORT INN - KEARNEY						
598433044		PI5545	00	08/15/2018	055-7105-502.60-62	PO NUM 048761	104.95	
598433121		PI5546	00	08/15/2018	055-7105-502.60-62	PO NUM 048761	104.95	
598433122		PI5547	00	08/15/2018	055-7105-502.60-62	PO NUM 048761	104.95	
						VENDOR TOTAL *	314.85	
0001643	00	CULLIGAN OF OMAHA						
144105 JUL 2018		PI5629	00	08/15/2018	055-7105-502.50-95	PO NUM 046637	87.00	
144105 JUL 2018		PI5630	00	08/15/2018	055-7105-502.60-76	PO NUM 046637	26.00	
						VENDOR TOTAL *	113.00	
0003185	00	DEPARTMENT OF ENERGY						
BFPB002860718			00	08/15/2018	051-5105-555.50-00	July 2018	EFT:	49,734.93WAPPA
						VENDOR TOTAL *	.00	49,734.93power purchase
0001313	00	DILLON CHEVROLET FREMONT INC, SID						
1TCS346453		PI5450	00	08/15/2018	051-5001-902.50-48	PO NUM 048868	276.17	
1TCS346453		PI5451	00	08/15/2018	051-5001-902.60-59	PO NUM 048868	156.00	
						VENDOR TOTAL *	432.17	
0002880	00	DUNRITE INC						
B727305		PI5418	00	08/15/2018	051-0000-154.00-00	PO NUM 048768	108.94	
B727355		PI5430	00	08/15/2018	051-0000-154.00-00	PO NUM 048875	369.02	
B727305		PI5444	00	08/15/2018	051-5001-940.50-35	PO NUM 048768	200.79	
B727355		PI5452	00	08/15/2018	051-5001-940.50-35	PO NUM 048875	30.57	
						VENDOR TOTAL *	709.32	
0003091	00	DUTTON-LAINSON CO						
784566-1		PI5419	00	08/15/2018	051-0000-154.00-00	PO NUM 048806	EFT:	1,703.44
S1275-1		PI5578	00	08/15/2018	051-0000-154.00-00	PO NUM 048348	EFT:	73.51
S1564-1		PI5616	00	08/15/2018	051-0000-154.00-00	PO NUM 048436	EFT:	44.76
S99589-1		PI5655	00	08/15/2018	051-0000-154.00-00	PO NUM 047799	EFT:	191.31
S1566-1		PI5656	00	08/15/2018	051-0000-154.00-00	PO NUM 048436	EFT:	1,155.60
S1952-1		PI5646	00	08/15/2018	051-5205-580.50-35	PO NUM 048549	EFT:	100.58
						VENDOR TOTAL *	.00	3,269.20
0003087	00	EAKES OFFICE SOLUTIONS						
7567811-0		PI5428	00	08/15/2018	051-0000-154.00-00	PO NUM 048861	1,913.86	
7571514-0		PI5525	00	08/15/2018	051-0000-154.00-00	PO NUM 048876	188.60	
7571514-1		PI5526	00	08/15/2018	051-0000-154.00-00	PO NUM 048876	185.72	
7571514-2		PI5659	00	08/15/2018	051-0000-154.00-00	PO NUM 048876	243.90	
7567796-0		PI5446	00	08/15/2018	051-5001-903.50-61	PO NUM 048801	205.12	
7567796-0		PI5447	00	08/15/2018	051-5001-920.50-61	PO# 048801	205.12	
INV76439		PI5517	00	08/15/2018	051-5105-502.60-61	PO NUM 048896	417.87	
						VENDOR TOTAL *	3,360.19	
0002959	00	EGAN SUPPLY CO						

PROGRAM: GM339L

AS OF: 08/15/2018

PAYMENT DATE: 08/15/2018

DEPARTMENT OF UTILITIES

VEND NO INVOICE NO	SEQ# VOUCHER NO	VENDOR NAME P.O. NO	BNK	CHECK/DUE DATE	ACCOUNT NO	ITEM DESCRIPTION	CHECK AMOUNT	EFT, EPAY OR HAND-ISSUED AMOUNT
0002959 286254	00	EGAN SUPPLY CO PI5424	00	08/15/2018	051-0000-154.00-00	PO NUM 048840	371.50	
						VENDOR TOTAL *	371.50	
0004551 10964 10992 11112	00	ELEMETAL FABRICATION LLC PI5594 PI5595 PI5682	00	08/15/2018 08/15/2018 08/15/2018	051-5205-580.50-48 051-5205-580.50-48 051-5205-580.50-48	PO NUM 046557 PO NUM 046557 PO NUM 046557	226.66 256.21 179.02	
						VENDOR TOTAL *	661.89	
0004154 669 #12	00	ERIKSEN CONSTRUCTION CO INC PI5581	00	08/15/2018	055-7105-502.60-58	PO NUM 046344	1,016,489.30	Progress payment on WWTP improvements
						VENDOR TOTAL *	1,016,489.30	
0002050 NEFRE157425	00	FASTENAL CO PI5432	00	08/15/2018	051-5105-502.50-35	PO NUM 046542	EFT:	60.51
						VENDOR TOTAL *	.00	60.51
0002830 3367850	00	FISHER SCIENTIFIC CO LLC PI5443	00	08/15/2018	055-7105-502.50-35	PO NUM 048754	3,542.58	
						VENDOR TOTAL *	3,542.58	
0004503 160103880 160103880 160103880	00	FLAGSHOOTER LLC PI5573 PI5574 PI5575	00	08/15/2018 08/15/2018 08/15/2018	051-5205-580.50-35 057-8205-870.50-35 057-8205-870.60-79	PO NUM 048824 PO NUM 048824 PO NUM 048824	254.00 381.00 106.70	
						VENDOR TOTAL *	741.70	
0001131 60003332	00 072518	FREMONT TRIBUNE PI5531	00	08/15/2018	051-5001-926.60-78	PO NUM 046566	403.00	
78153	1/27	PI5597	00	08/15/2018	051-5001-932.60-78	PO NUM 046566	42.87	
78153	1/31	PI5598	00	08/15/2018	051-5001-932.60-78	PO NUM 046566	37.54	
78153	2/2	PI5599	00	08/15/2018	051-5001-932.60-78	PO NUM 046566	37.53	
763972		PI5611	00	08/15/2018	051-5205-580.60-78	PO NUM 048923	81.94	
78072	1/27	PI5596	00	08/15/2018	057-8205-870.60-78	PO NUM 046566	125.14	
						VENDOR TOTAL *	728.02	
0001132 319995	00 00	FREMONT WINNELSON CO PI5433	00	08/15/2018	055-7105-502.50-35	PO NUM 046543	23.56	
						VENDOR TOTAL *	23.56	
9999999 000076665	00	GANGI, MICHAEL C & CHRISTINE M UT	00	08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	76.12	
						VENDOR TOTAL *	76.12	
9999999 000075801	00	GAYNOR, REAGAN UT	00	08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	135.72	
						VENDOR TOTAL *	135.72	
0001139	00	GERHOLD CONCRETE CO INC						

PROGRAM: GM339L

AS OF: 08/15/2018

PAYMENT DATE: 08/15/2018

DEPARTMENT OF UTILITIES

VEND NO	SEQ#	VENDOR NAME							EFT, EPAY OR
INVOICE		VOUCHER	P.O.	BNK	CHECK/DUE	ACCOUNT	ITEM	CHECK	HAND-ISSUED
NO		NO	NO		DATE	NO	DESCRIPTION	AMOUNT	AMOUNT
<hr/>									
0001139	00	GERHOLD CONCRETE CO INC							
50476726		PI5674		00	08/15/2018	051-5205-580.50-35	PO NUM 048904	347.10	
50476873		PI5678		00	08/15/2018	055-7205-583.50-35	PO NUM 046544	305.50	
							VENDOR TOTAL *	652.60	
0001143	00	GLASS HOUSE							
54194		PI5576		00	08/15/2018	053-6205-583.50-48	PO NUM 048918	26.75	
54194		PI5577		00	08/15/2018	053-6205-583.60-59	PO NUM 048918	155.00	
							VENDOR TOTAL *	181.75	
9999999	00	GONZALES, ANTOINETTE							
000059213		UT		00	08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	58.14	
							VENDOR TOTAL *	58.14	
0001148	00	GOREE BACKHOE & EXCAVATING INC							
11369		PI5692		00	08/15/2018	051-5001-940.50-35	PO NUM 048910	423.25	
							VENDOR TOTAL *	423.25	
0001742	00	GRAINGER							
9853898410		PI5425		00	08/15/2018	051-0000-153.00-00	PO NUM 048842	EFT:	817.40
9845371922		PI5445		00	08/15/2018	051-5001-940.50-35	PO NUM 048770	EFT:	61.08
							VENDOR TOTAL *	.00	878.48
0001445	00	GRAYBAR ELECTRIC CO							
9305170119		PI5421		00	08/15/2018	051-0000-154.00-00	PO NUM 048816	313.27	
9305297767		PI5527		00	08/15/2018	051-0000-154.00-00	PO NUM 048877	828.52	
9305338994		PI5619		00	08/15/2018	051-0000-154.00-00	PO NUM 048886	180.62	
9305197455		PI5657		00	08/15/2018	051-0000-155.00-00	PO NUM 048589	1,159.49	
9305376711		PI5607		00	08/15/2018	051-5205-580.50-35	PO NUM 047715	680.91	
							VENDOR TOTAL *	3,162.81	
0003155	00	HACH COMPANY							
11058197		PI5448		00	08/15/2018	053-6105-502.50-35	PO NUM 048826	248.24	
11058197		PI5449		00	08/15/2018	053-6105-502.60-79	PO NUM 048826	33.46	
11053151		PI5549		00	08/15/2018	055-7105-502.50-52	PO NUM 048810	3,506.99	
							VENDOR TOTAL *	3,788.69	
9999999	00	HAGEDORN, CHELSEY							
000075121		UT		00	08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	80.33	
							VENDOR TOTAL *	80.33	
0004419	00	HANSEN TIRE LLC							
22802		PI5586		00	08/15/2018	051-5105-502.60-59	PO NUM 046545	10.00	
22783		PI5543		00	08/15/2018	051-5205-580.50-48	PO NUM 048729	912.58	
22783		PI5544		00	08/15/2018	051-5205-580.60-59	PO NUM 048729	130.00	
22835		PI5589		00	08/15/2018	051-5205-580.50-48	PO NUM 046545	79.13	
22835		PI5590		00	08/15/2018	051-5205-580.60-59	PO NUM 046545	32.50	
22784		PI5584		00	08/15/2018	053-6205-583.50-48	PO NUM 046545	2.11	
22784		PI5585		00	08/15/2018	053-6205-583.60-59	PO NUM 046545	63.75	
22808		PI5587		00	08/15/2018	053-6205-583.50-48	PO NUM 046545	1.58	

PROGRAM: GM339L

AS OF: 08/15/2018

PAYMENT DATE: 08/15/2018

DEPARTMENT OF UTILITIES

VEND NO INVOICE NO	SEQ# VOUCHER NO	VENDOR NAME P.O. NO	BNK	CHECK/DUE DATE	ACCOUNT NO	ITEM DESCRIPTION	CHECK AMOUNT	EFT, EPAY OR HAND-ISSUED AMOUNT
0004419	00	HANSEN TIRE LLC						
22808		PI5588	00	08/15/2018	053-6205-583.60-59	PO NUM 046545	15.00	
22826		PI5529	00	08/15/2018	055-7105-502.50-35	PO NUM 046545	31.00	
22774		PI5693	00	08/15/2018	055-7205-583.50-48	PO NUM 048945	543.42	
VENDOR TOTAL *							1,821.07	
9999999	00	HASHBERGER, KAYLA S						
000075359		UT	00	08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	36.71	
VENDOR TOTAL *							36.71	
0000622	00	HAWKINS INC						
4322152		PI5440	00	08/15/2018	055-7105-502.50-52	PO NUM 048195	1,686.96	
VENDOR TOTAL *							1,686.96	
0004469	00	HAYES MECHANICAL						
416629		PI5548	00	08/15/2018	051-5105-502.60-61	PO NUM 048803	7,856.00	
VENDOR TOTAL *							7,856.00	
0002794	00	HDR ENGINEERING INC						
1200131945		PI5431	00	08/15/2018	055-7105-502.60-61	PO NUM 044217	EFT:	68,212.21
VENDOR TOTAL *							.00	68,212.21
0003359	00	HONEYWELL INDUSTRY SOLUTIONS						
5245196847		PI5420	00	08/15/2018	051-0000-153.00-00	PO NUM 048808	EFT:	7,085.00
VENDOR TOTAL *							.00	7,085.00
0001868	00	HOTSY EQUIPMENT CO						
286961		PI5434	00	08/15/2018	051-5001-940.50-35	PO NUM 046546	EFT:	179.63
286961		PI5435	00	08/15/2018	051-5001-940.60-61	PO NUM 046546	EFT:	176.55
286962		PI5518	00	08/15/2018	051-5105-502.60-61	PO NUM 048897	EFT:	185.12
287121		PI5553	00	08/15/2018	051-5105-502.50-35	PO NUM 048866	EFT:	191.84
287121		PI5554	00	08/15/2018	051-5105-502.60-79	PO NUM 048866	EFT:	21.55
VENDOR TOTAL *							.00	754.69
9999999	00	HUNT, TRAVIS & HANNAH						
000074271		UT	00	08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	27.81	
VENDOR TOTAL *							27.81	
0004260	00	IA NE SD PRIMA CHAPTER						
2018 RISE J		PI5610	00	08/15/2018	051-5001-903.60-62	PO NUM 048908	85.00	
2018 RENEW		PI5675	00	08/15/2018	051-5001-903.60-67	PO NUM 048907	40.00	
VENDOR TOTAL *							125.00	
0004599	00	IBT INC						
7289760		PI5454	00	08/15/2018	051-0000-154.00-00	PO NUM 048474	EFT:	66.44
VENDOR TOTAL *							.00	66.44
0002083	00	IES COMMERCIAL INC						
555084010	#1	PI5668	00	08/15/2018	051-5205-580.60-61	PO NUM 048692	67,604.16	
VENDOR TOTAL *							67,604.16	
0005140	00	INDUSTRIAL ACCESSORIES CO INC						

PROGRAM: GM339L

AS OF: 08/15/2018

PAYMENT DATE: 08/15/2018

DEPARTMENT OF UTILITIES

VEND NO	SEQ#	VENDOR NAME						EFT, EPAY OR
INVOICE	VOUCHER	P.O.	BNK	CHECK/DUE	ACCOUNT	ITEM	CHECK	HAND-ISSUED
NO	NO	NO		DATE	NO	DESCRIPTION	AMOUNT	AMOUNT
0005140	00	INDUSTRIAL ACCESSORIES CO INC						
75926		PI5455	00	08/15/2018	051-0000-153.00-00	PO NUM 048674	611.85	
VENDOR TOTAL *							611.85	
0005141	00	INDUSTRIAL ELECTRONIC REPAIR INC						
062820180058		PI5670	00	08/15/2018	057-8205-870.60-61	PO NUM 048712	1,000.00	
062820180058		PI5671	00	08/15/2018	057-8205-870.60-79	PO NUM 048712	25.00	
VENDOR TOTAL *							1,025.00	
0000205	00	INGERSOLL RAND COMPANY						
30692992		PI5482	00	08/15/2018	051-5105-502.60-61	PO NUM 048812	1,251.10	
VENDOR TOTAL *							1,251.10	
0004066	00	INTERSTATE INDUSTRIAL INSTR INC						
205142		PI5476	00	08/15/2018	051-5105-502.50-35	PO NUM 048706	4,931.68	
205142		PI5477	00	08/15/2018	051-5105-502.60-79	PO NUM 048706	69.11	
VENDOR TOTAL *							5,000.79	
0003074	00	JACKSON SERVICES INC						
20180712		PR0712	00	08/15/2018	051-0000-241.00-00	PAYROLL SUMMARY	EFT:	199.73
20180726		PR0726	00	08/15/2018	051-0000-241.00-00	PAYROLL SUMMARY	EFT:	199.73
567 - 073118			00	08/15/2018	051-5001-940.50-46	July Mats	EFT:	63.13
567 - 073118			00	08/15/2018	051-5001-940.20-29	July Uniforms/Whse	EFT:	103.58
1110 - 073118			00	08/15/2018	051-5001-932.50-46	July Mats/Towels	EFT:	208.00
1110 - 073118			00	08/15/2018	051-5001-940.50-46	July Mats/Mops/Towels	EFT:	554.06
567 - 073118			00	08/15/2018	051-5105-502.50-46	July Mops	EFT:	68.92
567 - 073118			00	08/15/2018	051-5105-502.20-29	July Uniforms	EFT:	1,050.82
1110 - 073118			00	08/15/2018	051-5105-502.50-46	July Mats	EFT:	451.56
567 - 073118			00	08/15/2018	051-5205-580.20-29	July Uniforms/Elect Distr	EFT:	1,330.18
567 - 073118			00	08/15/2018	051-5205-580.20-29	July Uniforms/Engineers	EFT:	68.88
567 - 073118			00	08/15/2018	053-6205-583.20-29	July Uniforms	EFT:	280.12
567 - 073118			00	08/15/2018	055-7105-502.20-29	July Uniforms	EFT:	236.90
1110 - 073118			00	08/15/2018	055-7105-502.50-46	July Mats/Mops	EFT:	94.72
567 - 073118			00	08/15/2018	057-8205-870.20-29	July Uniforms	EFT:	819.40
VENDOR TOTAL *							.00	5,729.73
0004708	00	KIMBALL MIDWEST						
6490896		PI5484	00	08/15/2018	051-5001-940.50-35	PO NUM 048850	606.29	
VENDOR TOTAL *							606.29	
0002027	00	KRIHA FLUID POWER CO INC						
00339357		PI5676	00	08/15/2018	053-6205-583.50-48	PO NUM 048939	EFT:	32.54
VENDOR TOTAL *							.00	32.54
0002781	00	KUNZ GLOVE CO INC						
146058		PI5523	00	08/15/2018	051-0000-154.00-00	PO NUM 048841	513.38	
VENDOR TOTAL *							513.38	
0004895	00	LINCOLN PHYSICAL THERAPY AND SPORTS						
JULY 2018 / 188		PI5683	00	08/15/2018	051-5001-926.60-61	PO NUM 046571	212.00	

PROGRAM: GM339L

AS OF: 08/15/2018

PAYMENT DATE: 08/15/2018

DEPARTMENT OF UTILITIES

VEND NO INVOICE NO	SEQ# VOUCHER NO	VENDOR NAME P.O. NO	BNK	CHECK/DUE DATE	ACCOUNT NO	ITEM DESCRIPTION	CHECK AMOUNT	EFT, EPAY OR HAND-ISSUED AMOUNT
0004895	00	LINCOLN PHYSICAL THERAPY AND SPORTS						
						VENDOR TOTAL *	212.00	
0004289	00	LINDY GLASS INC						
3787		PI5689	00	08/15/2018	053-6205-583.50-48	PO NUM 048572	199.66	
3787		PI5690	00	08/15/2018	053-6205-583.60-59	PO NUM 048572	100.00	
						VENDOR TOTAL *	299.66	
9999999	00	LOGEMANN, TRISTIN T						
000075009		UT	00	08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	88.16	
						VENDOR TOTAL *	88.16	
0002945	00	LYMAN RICHEY SAND & GRAVEL CO						
30278127		PI5660	00	08/15/2018	055-7205-583.50-35	PO NUM 046550	121.47	
						VENDOR TOTAL *	121.47	
9999999	00	MARIE, CAROL						
000073065		UT	00	08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	86.44	
						VENDOR TOTAL *	86.44	
9999999	00	MARTINEZ, MARISA M						
000074885		UT	00	08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	111.35	
						VENDOR TOTAL *	111.35	
0002052	00	MATHESON LINWELD						
51345474		PI5625	00	08/15/2018	051-5001-940.60-76	PO NUM 046549	EFT:	69.00
17973131		PI5460	00	08/15/2018	051-5105-502.50-35	PO NUM 046549	EFT:	102.57
51341578		PI5624	00	08/15/2018	051-5105-502.60-76	PO NUM 046549	EFT:	133.66
51345474		PI5626	00	08/15/2018	051-5205-580.60-76	PO NUM 046549	EFT:	104.49
51345474		PI5627	00	08/15/2018	057-8205-870.60-76	PO NUM 046549	EFT:	58.05
						VENDOR TOTAL *	.00	467.77
9999999	00	MAY, TAYLOR						
000074819		UT	00	08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	31.11	
						VENDOR TOTAL *	31.11	
0002963	00	MCGILL ASBESTOS ABATEMENT CO INC						
115538		PI5536	00	08/15/2018	051-5105-502.60-61	PO NUM 048470	2,135.00	
						VENDOR TOTAL *	2,135.00	
0001229	00	MENARDS - FREMONT						
58763		PI5457	00	08/15/2018	051-0000-154.00-00	PO NUM 048773	537.68	
59136		PI5579	00	08/15/2018	051-0000-154.00-00	PO NUM 048773	12.78	
59135		PI5580	00	08/15/2018	051-0000-154.00-00	PO NUM 048879	458.77	
58772		PI5469	00	08/15/2018	051-5001-922.50-40	PO NUM 046552	12.23	
58836		PI5472	00	08/15/2018	051-5001-940.50-35	PO NUM 046552	261.86	
58837		PI5473	00	08/15/2018	051-5001-903.50-40	PO NUM 046552	51.32	
58879		PI5474	00	08/15/2018	051-5001-940.50-35	PO NUM 046552	79.97-	
58880		PI5475	00	08/15/2018	051-5001-940.50-35	PO NUM 046552	104.04	
57982		PI5461	00	08/15/2018	051-5105-502.50-35	PO NUM 046552	28.58	

PROGRAM: GM339L

AS OF: 08/15/2018

PAYMENT DATE: 08/15/2018

DEPARTMENT OF UTILITIES

VEND NO	SEQ#	VENDOR NAME	INVOICE NO	VOUCHER NO	P.O. NO	BNK	CHECK/DUE DATE	ACCOUNT NO	ITEM DESCRIPTION	CHECK AMOUNT	EFT, EPAY OR HAND-ISSUED AMOUNT
0001229	00	MENARDS - FREMONT									
58518		PI5464		00	08/15/2018		051-5105-502.50-35	PO NUM 046552		52.43	
58529		PI5465		00	08/15/2018		051-5105-502.50-35	PO NUM 046552		9.66-	
58718		PI5466		00	08/15/2018		051-5105-502.50-35	PO NUM 046552		16.00-	
58722		PI5467		00	08/15/2018		051-5105-502.50-35	PO NUM 046552		18.36	
58856		PI5571		00	08/15/2018		051-5105-502.50-35	PO NUM 048747		1,569.75	
59318		PI5681		00	08/15/2018		051-5105-502.50-35	PO NUM 046552		99.86	
59212		PI5680		00	08/15/2018		051-5205-580.50-35	PO NUM 046552		20.30	
58379		PI5462		00	08/15/2018		055-7105-502.50-35	PO NUM 046552		19.99	
58384		PI5463		00	08/15/2018		055-7105-502.50-35	PO NUM 046552		1.39	
58771		PI5468		00	08/15/2018		055-7105-502.50-35	PO NUM 046552		46.76	
58787		PI5470		00	08/15/2018		055-7105-502.50-35	PO NUM 046552		21.38-	
58788		PI5471		00	08/15/2018		055-7105-502.50-35	PO NUM 046552		14.99	
59186		PI5591		00	08/15/2018		055-7105-502.50-35	PO NUM 046552		38.97	
VENDOR TOTAL *										3,223.05	
0004883	00	MISSISSIPPI LIME COMPANY									
1388543				00	08/15/2018		051-0000-158.02-00	7/25/18 TN		EFT:	4,724.04
1389723				00	08/15/2018		051-0000-158.02-00	8/01/18 TN		EFT:	4,715.20
1390926				00	08/15/2018		051-0000-158.02-00	8/08/18 TN		EFT:	4,717.02
VENDOR TOTAL *										.00	14,156.26
0001486	00	MOTION INDUSTRIES INC									
NE01-495023		PI5521		00	08/15/2018		051-0000-153.00-00	PO NUM 048782		38.15	
NE01-495025		PI5537		00	08/15/2018		051-5105-502.50-35	PO NUM 048634		84.26	
VENDOR TOTAL *										122.41	
0002985	00	MSC INDUSTRIAL SUPPLY CO INC									
C73857069		PI5458		00	08/15/2018		051-0000-154.00-00	PO NUM 048851		EFT:	441.50
73857099		PI5459		00	08/15/2018		051-0000-154.00-00	PO NUM 048851		EFT:	46.10
75149279		PI5488		00	08/15/2018		051-0000-154.00-00	PO NUM 048851		EFT:	367.37
74218949		PI5483		00	08/15/2018		051-5001-940.50-35	PO NUM 048817		EFT:	255.73
76926299		PI5608		00	08/15/2018		051-5105-502.50-35	PO NUM 048509		EFT:	722.23
VENDOR TOTAL *										.00	1,832.93
0000746	00	MUELLER CO LLC									
3824690		PI5453		00	08/15/2018		057-0000-154.00-00	PO NUM 047746		1,056.09	
VENDOR TOTAL *										1,056.09	
9999999	00	MUNOZ, MARIA									
000077063		UT		00	08/03/2018		051-0000-143.00-00	FINAL BILL REFUND		168.96	
VENDOR TOTAL *										168.96	
0001958	00	NEBR PUBLIC HEALTH ENVIRONMENTAL									
502687		PI5533		00	08/15/2018		053-6105-502.60-61	PO NUM 046671		EFT:	1,922.00
VENDOR TOTAL *										.00	1,922.00
0001430	00	NEBRASKA RURAL WATER ASSOCIATION									
07272018		PI5691		00	08/15/2018		053-6205-583.60-62	PO NUM 048697		560.00	
VENDOR TOTAL *										560.00	
0002567	00	NEBRASKA WATER ENVIRONMENT ASSN									

PROGRAM: GM339L

AS OF: 08/15/2018

PAYMENT DATE: 08/15/2018

DEPARTMENT OF UTILITIES

VEND NO	SEQ#	VENDOR NAME	BNK	CHECK/DUE	ACCOUNT	ITEM	CHECK	EFT, EPAY OR
INVOICE	VOUCHER	P.O.		DATE	NO	DESCRIPTION	AMOUNT	HAND-ISSUED
NO	NO	NO						AMOUNT
<hr/>								
0002567	00	NEBRASKA WATER ENVIRONMENT ASSN						
2018	KONTOR K	PI5479	00	08/15/2018	055-7105-502.60-62	PO NUM 048751	60.00	
2018	LUTTIG C	PI5480	00	08/15/2018	055-7105-502.60-62	PO NUM 048751	80.00	
2018	MIKAN B	PI5481	00	08/15/2018	055-7105-502.60-62	PO NUM 048751	80.00	
VENDOR TOTAL *							220.00	
0002567	00	NEBRASKA WATER ENVIRONMENT ASSN,CK GRP-1						
2018	RIECKEN D	PI5485	00	08/15/2018	055-7105-502.60-62	PO NUM 048870	350.00	
VENDOR TOTAL *							350.00	
0001473	00	NMC EXCHANGE LLC						
INV261893		PI5456	00	08/15/2018	051-0000-153.00-00	PO NUM 048748	998.64	
INV261893		PI5478	00	08/15/2018	051-5105-502.60-79	PO NUM 048748	18.00	
VENDOR TOTAL *							1,016.64	
0002937	00	O'KEEFE ELEVATOR CO INC						
00477883		PI5492	00	08/15/2018	051-5001-932.60-65	PO NUM 046713	190.89	
00477883		PI5493	00	08/15/2018	051-5105-502.60-65	PO NUM 046713	1,081.69	
VENDOR TOTAL *							1,272.58	
0001020	00	O'REILLY AUTOMOTIVE INC						
0397-161302		PI5593	00	08/15/2018	051-5001-940.50-35	PO NUM 046555	57.76	
0397-164039		PI5628	00	08/15/2018	051-5105-502.50-35	PO NUM 046555	43.44	
0397-161264		PI5592	00	08/15/2018	051-5205-580.50-48	PO NUM 046555	184.17	
0397-161304		PI5609	00	08/15/2018	051-5205-580.50-48	PO NUM 048836	663.96	
0397-151472		PI5566	00	08/15/2018	055-7105-502.50-35	PO NUM 046555	9.54	
VENDOR TOTAL *							958.87	
0002888	00	OFFICENET						
901066-0		PI5511	00	08/15/2018	051-5001-940.50-40	PO NUM 048781	173.56	
901281-0		PI5513	00	08/15/2018	051-5001-926.50-40	PO NUM 048820	92.45	
902101-0		PI5673	00	08/15/2018	051-5001-920.50-40	PO NUM 048857	126.51	
901546/C900232		PI5647	00	08/15/2018	051-5105-502.50-41	PO NUM 048681	140.16	
VENDOR TOTAL *							532.68	
0004910	00	OHIO LUMEX CO INC						
CFDU072418T		PI5621	00	08/15/2018	051-5105-502.60-61	PO NUM 042595	851.00	
CFDU072518T		PI5648	00	08/15/2018	051-5105-502.50-35	PO NUM 048794	624.00	
VENDOR TOTAL *							1,475.00	
0004671	00	ONE CALL CONCEPTS INC						
8070127		PI5606	00	08/15/2018	051-5001-940.60-61	PO NUM 046678	410.43	
VENDOR TOTAL *							410.43	
0001268	00	P & H ELECTRIC INC						
118826		PI5489	00	08/15/2018	051-5105-502.50-35	PO NUM 046556	24.61	
118836		PI5490	00	08/15/2018	051-5105-502.50-35	PO NUM 046556	18.83	
118749		PI5505	00	08/15/2018	055-7105-502.50-35	PO NUM 048624	242.00	
118749		PI5506	00	08/15/2018	055-7105-502.60-59	PO NUM 048624	400.00	
VENDOR TOTAL *							685.44	
9999999	00	PAROLEK, BEN						

PROGRAM: GM339L

AS OF: 08/15/2018

PAYMENT DATE: 08/15/2018

DEPARTMENT OF UTILITIES

VEND NO INVOICE NO	SEQ# VOUCHER NO	VENDOR NAME P.O. NO	BNK	CHECK/DUE DATE	ACCOUNT NO	ITEM DESCRIPTION	CHECK AMOUNT	EFT, EPAY OR HAND-ISSUED AMOUNT
9999999 000019261	00 UT	PAROLEK, BEN	00	08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	197.77	
						VENDOR TOTAL *	197.77	
0004935 10566 10566	00 PI5650 PI5651	PB&J WELDING SUPPLY LLC	00	08/15/2018	051-5105-502.50-35	PO NUM 048898	62.27	
			00	08/15/2018	051-5105-502.60-79	PO NUM 048898	26.75	
						VENDOR TOTAL *	89.02	
0003827 MNCP BLD 073018	00 PI5634	PEST PRO'S INC	00	08/15/2018	051-5001-932.60-61	PO NUM 046700	42.80	
ASH PD 073018	PI5635		00	08/15/2018	051-5105-502.60-61	PO NUM 046769	48.15	
CMBT TUR 073018	PI5636		00	08/15/2018	051-5105-502.60-61	PO NUM 046769	53.50	
PWR PLT 073018	PI5637		00	08/15/2018	051-5105-502.60-61	PO NUM 046769	85.60	
SUB STA 073018	PI5633		00	08/15/2018	051-5205-580.60-61	PO NUM 046679	158.70	
WTR PLT 073018	PI5632		00	08/15/2018	053-6105-502.60-61	PO NUM 046647	69.55	
WWTP 073018	PI5631		00	08/15/2018	055-7105-502.60-61	PO NUM 046639	110.00	
						VENDOR TOTAL *	568.30	
0004800 906151 2018	00 PI5649	PINNACLE BANK - VISA	00	08/15/2018	051-5105-502.60-77	PO NUM 048889	62.25	
0724010000010	PI5514		00	08/15/2018	051-5205-580.20-29	PO NUM 048869	37.81	
						VENDOR TOTAL *	100.06	
0001280 21964	00 PI5495	PLATTE MECHANICAL INC	00	08/15/2018	055-7105-502.60-59	PO NUM 047269	255.00	
22085	PI5496		00	08/15/2018	055-7105-502.50-35	PO NUM 047306	3,007.50	
22085	PI5497		00	08/15/2018	055-7105-502.60-59	PO NUM 047306	600.00	
						VENDOR TOTAL *	3,862.50	
0002793 03304	00 PI5638	PLIBRICO COMPANY LLC	00	08/15/2018	051-5001-932.60-61	PO NUM 047653	4,463.75	
						VENDOR TOTAL *	4,463.75	
0000103 18-291	00 PI5501	POWER & INDUSTRIAL SERVICES CORP	00	08/15/2018	051-5105-502.60-79	PO NUM 048079	310.99	
						VENDOR TOTAL *	310.99	
0004740 11918	00 PI5491	PREMIER STAFFING INC	00	08/15/2018	051-5001-926.60-61	PO NUM 046569	40.00	
11951	PI5532		00	08/15/2018	051-5001-926.60-61	PO NUM 046569	40.00	
						VENDOR TOTAL *	80.00	
0004696 47822	00 PI5510	PRIME COMMUNICATIONS INC	00	08/15/2018	051-5001-922.60-61	PO NUM 048779	5,350.00	
47458	PI5504		00	08/15/2018	051-5205-580.50-42	PO NUM 048605	7,269.58	
						VENDOR TOTAL *	12,619.58	
0001629 NE24449-IN	00 PI5486	PROCESS MEASUREMENT COMPANY	00	08/15/2018	051-0000-153.00-00	PO NUM 048682	1,489.45	

PROGRAM: GM339L

AS OF: 08/15/2018

PAYMENT DATE: 08/15/2018

DEPARTMENT OF UTILITIES

VEND NO INVOICE NO	SEQ# VOUCHER NO	VENDOR NAME P.O. NO	BNK	CHECK/DUE DATE	ACCOUNT NO	ITEM DESCRIPTION	CHECK AMOUNT	EFT, EPAY OR HAND-ISSUED AMOUNT
0001629 NE24449-IN	00	PROCESS MEASUREMENT COMPANY PI5509	00	08/15/2018	051-5105-502.60-79	PO NUM 048682	26.75	
						VENDOR TOTAL *	1,516.20	
0004413 30488504	00	RADWELL INTERNATIONAL INC PI5503	00	08/15/2018	055-7105-502.60-59	PO NUM 048444	100.50	
						VENDOR TOTAL *	100.50	
9999999 000075095	00	REEVES, STEIHL J UT	00	08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	2.90	
						VENDOR TOTAL *	2.90	
0003812 15553	00	RMB CONSULTING & RESEARCH INC PI5502	00	08/15/2018	051-5105-502.60-61	PO NUM 048376	EFT:	2,085.00
						VENDOR TOTAL *	.00	2,085.00
9999999 000073467	00	RUCKER, DANIEL T UT	00	08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	43.97	
						VENDOR TOTAL *	43.97	
9999999 000075399	00	RYAN, SHAMEKA S UT	00	08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	20.24	
						VENDOR TOTAL *	20.24	
0000663 77181375	00	SAFETY-KLEEN SYSTEMS INC PI5519	00	08/15/2018	051-5105-502.60-61	PO NUM 048899	319.65	
						VENDOR TOTAL *	319.65	
0004639 22556455	00	SAPP BROS INC PI5512	00	08/15/2018	051-5001-917.50-30	PO NUM 048815	21,641.48	Fuel for gasboy
						VENDOR TOTAL *	21,641.48	
0005128 CLIP9393	00	SCHLOSSER ENTERPRISES INC PI5639	00	08/15/2018	051-5001-932.60-61	PO NUM 048377	90.00	
CLIP9393		PI5640	00	08/15/2018	051-5001-940.60-61	PO NUM 048377	80.00	
CLIP9393		PI5641	00	08/15/2018	051-5105-502.60-61	PO NUM 048377	290.00	
CLIP9393		PI5642	00	08/15/2018	053-6105-502.60-61	PO NUM 048377	60.00	
CLIP9393		PI5643	00	08/15/2018	053-6105-502.60-61	PO NUM 048377	295.00	
CLIP9393		PI5644	00	08/15/2018	055-7205-583.60-61	PO NUM 048377	210.00	
CLIP9393		PI5645	00	08/15/2018	057-8205-870.60-61	PO NUM 048377	40.00	
						VENDOR TOTAL *	1,065.00	
0004989 0328062 #2	00	SCS ENGINEERS PI5498	00	08/15/2018	051-5105-502.60-61	PO NUM 047566	832.50	
0328062 #1		PI5500	00	08/15/2018	051-5105-502.60-61	PO NUM 048048	111.84	
0328062 #3		PI5507	00	08/15/2018	051-5105-502.60-61	PO NUM 048654	100.26	
0328062 #4		PI5508	00	08/15/2018	051-5105-502.60-61	PO NUM 048655	7,225.00	
						VENDOR TOTAL *	8,269.60	
9999999	00	SEMPEK, COURTNEY F						

PROGRAM: GM339L

AS OF: 08/15/2018

PAYMENT DATE: 08/15/2018

DEPARTMENT OF UTILITIES

VEND NO INVOICE NO	SEQ# VOUCHER NO	VENDOR NAME P.O. NO	BNK CHECK/DUE DATE	ACCOUNT NO	ITEM DESCRIPTION	CHECK AMOUNT	EFT, EPAY OR HAND-ISSUED AMOUNT
9999999 000077097	00 UT	SEMPEK, COURTNEY F	00 08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	171.35	
					VENDOR TOTAL *	171.35	
9999999 000042463	00 UT	SHALLBERG, MICHAEL A & ALEXIS	00 08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	142.28	
					VENDOR TOTAL *	142.28	
0004273 26673	00 PI5569	SHRED MONSTER INC	00 08/15/2018	051-5001-932.60-61	PO NUM 046807	58.00	
					VENDOR TOTAL *	58.00	
0000429 228519 228519	00 PI5567 PI5568	SKARSHAUG TESTING LABORATORY INC	00 08/15/2018 00 08/15/2018	051-5205-580.60-61 051-5205-580.60-79	PO NUM 046573 PO NUM 046573	267.85 126.09	
					VENDOR TOTAL *	393.94	
9999999 000050897	00 UT	SOKOLL, JEFFREY T	00 08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	79.08	
					VENDOR TOTAL *	79.08	
9999999 000075339	00 UT	SORENSEN, RYAN L	00 08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	56.84	
					VENDOR TOTAL *	56.84	
0004760 TRN0715FREM	00	SOUTHWEST POWER POOL INC	00 08/15/2018	051-5105-555.50-00	July 2018 Transmission	EFT:	39,416.27
					VENDOR TOTAL *	.00	39,416.27
0005051 212437	00 PI5669	SUPERION LLC	00 08/15/2018	051-5105-502.60-62	PO NUM 048703	EFT:	120.00
					VENDOR TOTAL *	.00	120.00
9999999 000076901	00 UT	TOMLINSON, RYAN N	00 08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	32.16	
					VENDOR TOTAL *	32.16	
0004812 B81780270	00 PI5558	TRAUSCH DYNAMICS INC	00 08/15/2018	051-0000-153.00-00	PO NUM 048658	189.98	
					VENDOR TOTAL *	189.98	
0003478 99539312 99539312	00 PI5524 PI5551	ULINE	00 08/15/2018 00 08/15/2018	051-0000-154.00-00 051-5001-940.50-35	PO NUM 048852 PO NUM 048852	161.86 66.43	
					VENDOR TOTAL *	228.29	
0001914 295112990	00	UNION PACIFIC RAILROAD	00 08/15/2018	051-0000-152.00-00	8/02/18	EFT:	251,660.43 Freight for coal
					VENDOR TOTAL *	.00	251,660.43
0000647	00	USABBLUEBOOK					

PROGRAM: GM339L

AS OF: 08/15/2018

PAYMENT DATE: 08/15/2018

DEPARTMENT OF UTILITIES

VEND NO INVOICE NO	SEQ# VOUCHER NO	VENDOR NAME P.O. NO	BNK	CHECK/DUE DATE	ACCOUNT NO	ITEM DESCRIPTION	CHECK AMOUNT	EFT, EPAY OR HAND-ISSUED AMOUNT
0000647 633600	00	USABBLUEBOOK PI5672	00	08/15/2018	055-7105-502.50-35	PO NUM 048827	439.80	
						VENDOR TOTAL *	439.80	
0004172 IN20182627	00	UTILITY SAFETY AND DESIGN INC PI5499	00	08/15/2018	057-8205-870.60-61	PO NUM 047803	300.00	
						VENDOR TOTAL *	300.00	
0003064 10187132-00	00	VOSS LIGHTING PI5658	00	08/15/2018	051-0000-154.00-00	PO NUM 048807	340.51	
						VENDOR TOTAL *	340.51	
0002907 18070314	00	WALNUT RADIO LLC (KHUB) PI5570	00	08/15/2018	051-5001-903.60-78	PO NUM 046838	234.00	
						VENDOR TOTAL *	234.00	
0002894 5139337 5139337 5139337 5139337	00	WASTE CONNECTIONS OF NE INC PI5661 PI5662 PI5663 PI5664	00 00 00 00	08/15/2018 08/15/2018 08/15/2018 08/15/2018	051-5001-932.50-49 051-5001-940.50-49 051-5105-502.50-49 055-7105-502.50-49	PO NUM 046652 PO NUM 046652 PO NUM 046652 PO NUM 046652	241.14 371.00 277.71 1,030.91	
						VENDOR TOTAL *	1,920.76	
0004336 23836 23836 23837 23837 23841	00	WATERLINK INC PI5538 PI5539 PI5540 PI5541 PI5542	00 00 00 00 00	08/15/2018 08/15/2018 08/15/2018 08/15/2018 08/15/2018	051-5105-502.50-52 051-5105-502.50-52 051-5105-502.50-52 051-5105-502.50-52 051-5105-502.50-52	PO NUM 048715 PO NUM 048715 PO NUM 048715 PO NUM 048715 PO NUM 048715	2,301.19 4,123.95 736.97 2,061.98 1,979.04	
						VENDOR TOTAL *	11,203.13	
0004182 25644	00	WEEDCOPE INC PI5535	00	08/15/2018	051-5001-940.50-43	PO NUM 047776	10,846.83	
						VENDOR TOTAL *	10,846.83	
0000482 108807 113630 113631	00	WESCO RECEIVABLES CORP PI5487 PI5618 PI5620	00 00 00	08/15/2018 08/15/2018 08/15/2018	051-0000-154.00-00 051-0000-154.00-00 051-0000-154.00-00	PO NUM 048723 PO NUM 048723 PO NUM 048906	EFT: EFT: EFT:	684.80 545.70 444.05
						VENDOR TOTAL *	.00	1,674.55
9999999 000076761	00	WILSON, JOSHUA M UT	00	08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	31.78	
						VENDOR TOTAL *	31.78	
0004135 39138 39279	00	WINDOW PRO INC PI5494 PI5688	00 00	08/15/2018 08/15/2018	051-5001-932.60-61 051-5001-932.60-61	PO NUM 046730 PO NUM 046730	EFT: EFT:	107.00 10.70
						VENDOR TOTAL *	.00	117.70
9999999	00	WISEMAN, ROBERT L						

VEND NO	SEQ#	VENDOR NAME							EFT, EPAY OR
INVOICE		VOUCHER	P.O.	BNK	CHECK/DUE	ACCOUNT	ITEM	CHECK	HAND-ISSUED
NO		NO	NO		DATE	NO	DESCRIPTION	AMOUNT	AMOUNT
9999999	00	WISEMAN, ROBERT L							
000075179		UT		00	08/03/2018	051-0000-143.00-00	FINAL BILL REFUND	85.28	
VENDOR TOTAL *								85.28	
EFT/EPAY TOTAL ***									530,882.77
TOTAL EXPENDITURES ****								1,448,833.46	530,882.77

GRAND TOTAL									1,979,716.23

STAFF REPORT

TO: Utility and Infrastructure Board
Brian Newton, City Administrator
Troy Schaben, Assistant City Administrator - Utilities

FROM: Jody Sanders, Director of Finance

DATE: August 7, 2018

SUBJECT: DU Investment report

Recommendation: Receive DU investment activity

Background: The attached document shows the DU investments in certificates of deposits as of July 30, 2018.

Fiscal Impact: A general sewer fund CD for \$750,000 matured 7/6/2018 at Pinnacle Bank. This CD was cashed to help with Sewer Fund cash flow due to the construction payments currently being made. No new investments took place in July.

Department of Utilities Investments

For Month ended 7/31/18

Year End 9/30/2018

BANK	TYPE	CD #	DATE INVESTED	DUE DATE	RATE %	Investment	Dept	Ledger	For Bond
2 First National Bank Fremont	CD	7164222	8/15/2016	8/15/2018	0.0121	250,000.00	Electric	051-0000-121.00-00	Insurance Reserve
3 First National Bank Fremont	CD	7164223	8/15/2016	8/15/2018	0.0121	250,000.00	Electric	051-0000-123.00-00	Restricted Trust Fossil
4 First National Bank Fremont	CD	7164224	8/15/2016	8/15/2018	0.0121	250,000.00	Electric	051-0000-126.00-00	Debt Service CD 76117501
7 First State Bank	CD	11935 65568	8/26/2016	8/26/2018	0.0129	300,000.00	Electric	051-0000-126.00-00	Debt Service CD 76117501
8 First State Bank	CD	11935 65567	8/26/2016	8/26/2018	0.0129	300,000.00	Electric	051-0000-126.00-00	Debt Service CD 76117501
27 First State Bank	CD	11935 65569	8/26/2016	8/26/2018	0.0129	2,000,000.00	Electric	051-0000-126.00-00	Debt Service CD 76117501
Cornerstone	CD	81276	9/22/2017	9/22/2018	0.0146	500,000.00	Gas	057-0000-127.27-02	General
Pinnacle Fremont	CD	7200009941	3/26/2018	9/26/2018	0.0166	2,600,000.00	Sewer	055-0000-127.27-02	General lagoons
37 Pinnacle Fremont	CD	7200009953	4/6/2018	10/6/2018	0.0169	1,000,000.00	Gas	057-0000-127.27-02	General
20 Pinnacle Fremont	CD	7200009722	10/13/2016	10/13/2018	0.0138	500,000.00	Electric	051-0000-123.00-00	Restricted Trust Fossil
39 Pinnacle Fremont	CD	7200009720	10/13/2016	10/13/2018	0.0138	1,500,000.00	Electric	051-0000-126.00-00	Debt Service CD
28 Pinnacle Fremont	CD	7200009886	11/29/2017	11/29/2018	0.0152	500,000.00	Gas	057-0000-127.27-02	General
13 Pinnacle Fremont	CD	7200009952	4/6/2018	1/6/2019	0.0185	2,000,000.00	Electric	051-0000-127.27-02	General
47 First National Bank Fremont	CD	70053758526	3/5/2018	3/5/2019	0.0201	1,000,000.00	Electric	051-0000-127.27-02	General
26 Pinnacle Fremont	CD	7200009933	3/16/2018	3/16/2019	0.0208	1,250,000.00	Electric	051-0000-127.27-02	General
9 First National Bank Fremont	CD	70053761129	3/26/2018	3/26/2019	0.0211	2,000,000.00	Electric	051-0000-127.27-02	General
14 First National Bank Fremont	CD	70053761131	3/26/2018	3/26/2019	0.0211	500,000.00	Gas	057-0000-127.27-02	General
Pinnacle Fremont	CD	7200009835	6/23/2017	6/23/2019	0.0156	100,000.00	Electric	051-0000-127.27-02	General
5 First National Bank	CD	70053707730	8/10/2017	8/10/2019	0.0157	175,000.00	Water	053-0000-126.00-00	Debt Service CD 76120501
29 Cornerstone	CD	81277	9/22/2017	9/22/2019	0.0163	846,000.00	Electric	051-0000-126.00-00	Debt Service CD 76115901
Cornerstone	CD	81278	9/22/2017	9/22/2019	0.0163	250,000.00	Electric	051-0000-123.00-00	Restricted Trust Fossil
10 Pinnacle Fremont	CD	7200009931	3/13/2018	3/13/2020	0.0228	200,000.00	Water	053-0000-126.00-00	Debt Service CD 76111601
11 Pinnacle Fremont	CD	7200009930	3/13/2018	3/13/2020	0.0228	1,750,000.00	Electric	051-0000-126.00-00	Debt Service CD 76111601
21 Pinnacle Fremont	CD	72000099932	3/16/2018	3/16/2020	0.0228	750,000.00	Electric	051-0000-126.00-00	Debt Service CD 76100901/76117501
First National Bank Fremont	CD	70053761130	3/26/2018	3/26/2020	0.0231	500,000.00	Water	053-0000-126.00-00	Debt Service CD 76116801/76100901
17 First National Bank Fremont	CD	70053761132	3/26/2018	3/26/2020	0.0231	250,000.00	Sewer	055-0000-126.00-00	Debt Service 76120501

21,521,000.00

Investments by Bank

Pinnacle Fremont	12,150,000.00
First National Bank	5,175,000.00
First State Bank	2,600,000.00
Cornerstone	1,596,000.00

21,521,000.00

Investments by Fund

Electric	15,296,000.00
Water	875,000.00
Sewer	2,850,000.00
Gas	2,500,000.00
	21,521,000.00

STAFF REPORT

TO: UTILITY AND INFRASTRUCTURE BOARD

FROM: Jan Rise, Administrative Services Director

DATE: August 10, 2018

SUBJECT: League Association of Risk Management (LARM) Insurance Proposal

Recommendation: Approve two-year renewal commitment with LARM for general liability, errors and omissions, law enforcement liability, vehicle, and non-Utility property insurance coverage

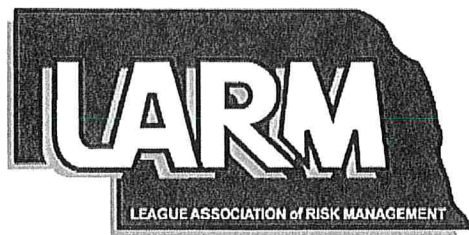
BACKGROUND:

A copy of the LARM renewal letter and costs with contribution credit options is included with this staff report. The Interlocal Agreement for the Establishment and Operation of the League Association of Risk Management (LARM) provides that an insurance pool member may voluntarily terminate its participation in LARM by written notice of termination given to LARM and the Nebraska Director of Insurance at least 90 days prior to the desired termination given to and that members may agree to extend the required termination notice beyond 90 days in order to realize reduced excess coverage costs, stability of contribution rates, and efficiency in operation of LARM.

This year staff recommends renewing the coverage and extending the City's commitment with LARM for only two years through September 30, 2020 with 180-day notice commitment. This will give the City the ability to request proposals for insurance coverage for the 2020/2021 insurance renewal. The two-year commitment includes a four percent discount.

The renewal proposal totals \$355,465.00. With the four percent discount, the renewal cost will be \$341,246.84, a discount of \$14,218.16. The LARM insurance coverage renews on October 1, 2018.

FISCAL IMPACT: \$341,246.84. Insurance is budgeted for 2018/2019, and it is split between DU departments and the City.



1919 S. 40th, Ste 212
Lincoln, NE 68506
Phone: (402) 742-2601
Fax: (402) 476-4089
www.larmpool.org

July 9, 2018

Dear LARM Member,

Attached, please find your Renewal Coverage Proposal for the 2018-19 Pool Year. This proposal is itemized by line of coverage to represent your specific limits, deductibles, annualized contributions and to outline LARM's contribution credit options available for the new term.

As always, LARM continues to seek certainty on upcoming Member commitments to allow us to accurately forecast our financial position. Requiring all Members to make annual elections by means of the Renewal Resolution affords us the fiscal confidence to structure a more stable program year-over-year. In return, LARM is able to translate this financial benefit to our Members in the form of corresponding contribution credits. Because predictability is strongest when estimates have future value, completing a new resolution each year delivers the best opportunity for this objective. In addition, members are able to elect a Renewal Resolution at the three (3) year commitment at each new Pool Year, by doing so, they are able to receive the maximum 5% contribution credit available on an annual basis.

An important note regarding processing your annual Renewal Resolution if you are a Member that desires to competitively bid your coverage every three (3) years, or in the next three (3) years:

- If you already have a three (3) year Renewal Resolution at the 5% discount;
 - ↳ Execute a two (2) year Renewal Resolution at the 4% discount at the upcoming.
- If you already have a two (2) year Renewal Resolution at the 4% discount;
 - ↳ Execute a one (1) year Renewal Resolution for either the 2% or 0% discount.
- If you already have a one (1) year renewal Resolution, you must provide written notice of termination in accordance with the necessary days identified in the Renewal Resolution prior to the desired termination date.

An important note if you do not execute/return a Renewal Resolution for the new Pool Year:

- You will automatically drop to the next lower commitment/contribution credit for that Pool Year (for example: If you were at a three (3) year commitment and do not execute/return a Renewal Resolution for the new Pool Year, you will automatically drop to a two (2) year commitment).

The enclosed Renewal Resolution form for the new term is made available for your use in designating the annual selection for the 2018-19 Pool Year. Once you have elected your contribution credit option, please authorize the Renewal Resolution and return to LARM to the address provided on the form. In order that LARM is able to issue process invoices as quickly as possible and prior to inception of the 2018-19 Pool Year, LARM requests that the fully executed Renewal Resolution be received no later than **August 15, 2018**. Once the Renewal Resolution has been received by LARM, complete renewal packet materials (invoices, coverage documents, auto ID cards, etc.) will be prepared and delivered to you. We are happy to review and discuss any questions or concerns you may have regarding this important process; therefore, we encourage you to contact your agent or LARM customer Service if you need assistance.

Finally, the information presented in this communication packet does not include any potential mono-line insurance placements that are not part of the formal LARM Property, General Liability or Workers' Compensation coverages (such as Bonds, Special Events Coverage, Liquor Liability, etc.) Renewal details for such policies will continue to be provided under separate cover according to their respective effective dates. In addition, please be advised that your proposal may not reflect and endorsements recently processed, and bear in mind, that your final invoice amount may vary from the renewal packet based on such services that require contribution adjustment over the next several weeks.

As always, the LARM Board and staff are very pleased that your community will continue to support LARM as we move into our 23rd year of unparalleled commitment to serving our Members. On behalf of each of us, I thank you for making our partnership a mutual success.

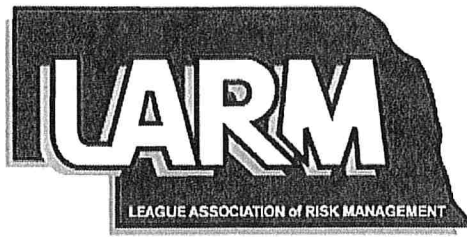
Sincerely,

LEAGUE ASSOCIATION OF RISK MANAGEMENT

A handwritten signature in black ink that reads "Tracy Juranek". The signature is written in a cursive, flowing style.

Tracy Juranek

Customer Service Specialist



1919 S. 40th, Ste 212
Lincoln, NE 68506
Phone: (402) 742-2601
Fax: (402) 476-4089
www.larmpool.org

Important Postscript: As a LARM member, if the municipality or agency decides to voluntarily terminate its participation in LARM, the member must provide WRITTEN NOTICE to the Director of the Nebraska Department of Insurance and all other LARM members at least NINETY days prior to the desired termination date. The member's decision to terminate participation in LARM is subject to the approval of the Director of the Nebraska Department of Insurance.



Proposal For : City of Fremont
Effective Date: 10/01/2018

COVERAGE	LIMITS AND APPLICABLE DEDUCTIBLES	CONTRIBUTION
General Liability	\$5,000,000/\$5,000,000 Per Occurrence/Aggregate \$0 Deductible	\$76,025
Errors & Omissions	\$5,000,000/\$5,000,000 Per Occurrence/Aggregate \$2,500 Deductible	\$13,997
Law Enforcement Liability	\$5,000,000/\$5,000,000 Per Occurrence/Aggregate \$2,500 Deductible	\$12,058
Auto Liability	\$5,000,000 Combined Single Limit \$0 Deductible	\$37,376
Auto Physical Damage	153 Vehicle(s) \$ Varies on Deductible	\$103,974
Commercial Property	\$64,580,878 \$10,000 Deductible	\$112,036
TOTAL ANNUAL CONTRIBUTION:		\$355,465

	Contribution Credit Options					
	180 Day Notice, 3 Year Commitment	180 Day Notice, 2 Year Commitment	180 Day Notice Only	90 Day Notice, 3 Year Commitment	90 Day Notice, 2 Year Commitment	90 Day Notice Only
Commitment Discount :	5%	4%	2%	2%	1%	0%
Property & Liability :	\$337,692.19	\$341,246.84	\$348,356.15	\$348,356.15	\$351,910.81	\$355,465.46
Workers' Compensation :	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Contributions :	\$337,692.19	\$341,246.84	\$348,356.15	\$348,356.15	\$351,910.81	\$355,465.46

STAFF REPORT

TO: Utility and Infrastructure Board

FROM: Keith Kontor Water/Wastewater Superintendent
Department of Utilities

DATE: 8-8-18

SUBJECT: Purchase Vacuum Trailer with Valve Exerciser

Recommendation: Recommend City Council Approve Resolution

BACKGROUND: Staff had the opportunity receive demonstrations and use the equipment from many of the suppliers. Staff evaluated the equipment following each demonstration. It was noted by the staff that most of the Vendors equipment would fulfil our needs for a Vacuum trailer and Valve Exerciser. It was determined through the evaluation that a 1000 cfm vacuum pump is required and either the Wachs ERV 750 or Spin Doctor SD 800 valve exerciser meet our job requirements. After reviewing the bids, Staff recommends awarding the purchase of the Vacuum Trailer and Wachs Valve Exerciser to the Lowest responsible bidder - Mid-America Equipment for a price of \$84,808.35.

Bidder	Total Bid	Meet Specifications
Mid-America Equipment	\$84,808.35	Yes
Nebr. Environmental Products	\$87,009.00	Yes
Ditch Witch	\$89,000.00	Yes
Vermeer	\$102,828.00	Yes
E.H. Wachs	\$64,714.00	No
Midwest Underground Supply	\$64,800.00	No

FISCAL IMPACT: \$59,960.00 budgeted

STAFF REPORT

TO: Utilities and Infrastructure Board
FROM: Jeff Shanahan, Power Plant Superintendent
DATE: August 14, 2018
SUBJECT: Powder Activated Carbon Agreement

Recommendation: Execute one year PAC agreement

BACKGROUND:

The United States Environmental Protection Agency (EPA) and Nebraska Department of Environmental Quality (NDEQ) require Powder Activated Carbon injection in boiler #8 at the Lon D. Wright facility.

In 2015, LDW solicited for the PAC supply and entered a one-year agreement with Cabot Norit with the option of taking five one-year extensions. Cabot Norit has offered the City of Fremont Department of Utilities a one-year extension with a price per ton decrease of \$160.00 dollars from \$1,200 / ton to \$1,040 / ton.

LDW Staff requests that Utility and Infrastructure Board recommend to the Fremont City Council to authorize Department of Utility Staff to execute third amendment to the current powder activated carbon supply agreement with Cabot Norit

FISCAL IMPACT:

FY 2018/2019 operating budget estimated expenditure of \$111,960

STAFF REPORT

TO: Utility and Infrastructure Board

FROM: Troy Schaben, Assistant City Administrator - Utility

DATE: August 14, 2018

SUBJECT: Bids for US Highway 77 / Broad Street Water and Sewer Extensions

Recommendation: Recommend City Council approve resolution.
--

Background: Department of Utilities sought bids for construction services for Water and Sewer Extensions to Nebraska Irrigated Seeds Site. Bid Tab Attached.

Staff recommends the Utility and Infrastructure Board recommend to City Council to approve resolution authorizing staff to execute a contract with Thompson Construction in the amount of \$106,965.40 for US Highway 77 / Broad Street Water and Sewer Extensions to Nebraska Irrigated Seeds site.

Fiscal Impact: (\$52,000 allocated to Utility Improvements in TIF agreement)

**BID TAB FOR US HWY 77 / BROAD STREET WATER AND SEWER EXTENSIONS
BID OPENING - AUGUST 7, 2018**

				THOMPSON CONSTRUCTION 2404 LINCOLN AVE FREMONT, NE 68025		PENROCONSTRUCTION CO, INC. 810 INDUSTRIAL ROAD P.O. BOX 520 PENDER, NE 68047		SAWYER CONSTRUCTION 220 W CLOVERLY FREMONT, NE 68025	
ITEM	DESCRIPTION	QTY	UNIT	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
1	MOBILIZATION / SITE PREP	1.0	LS	\$9,700.00	\$9,700.00	\$5,575.00	\$5,575.00	\$7,500.00	\$7,500.00
2	DEWATERING	1.0	LS	\$8,000.00	\$8,000.00	\$5,500.00	\$5,500.00	\$15,000.00	\$15,000.00
3	CONNECT TO EXISTING WATER MAIN	1.0	EA	\$5,000.00	\$5,000.00	\$3,125.00	\$3,125.00	\$4,350.00	\$4,350.00
4	REMOVE / REPLACE PC PAVEMENT	50.0	SY	\$90.00	\$4,500.00	\$90.00	\$4,500.00	\$85.00	\$4,250.00
5	16" DIA STEEL CASING	44.0	LF	\$120.00	\$5,280.00	\$205.00	\$9,020.00	\$150.00	\$6,600.00
6	8" DUCTILE IRON PIPE	703.3	LF	\$38.00	\$26,725.40	\$39.50	\$27,780.35	\$55.00	\$38,681.50
7	LOWER EXISTING WATER SERVICE	20.0	LF	\$90.00	\$1,800.00	\$107.50	\$2,150.00	\$85.00	\$1,700.00
8	8" BOX GATE AND VALVE	1.0	EA	\$1,400.00	\$1,400.00	\$1,160.00	\$1,160.00	\$1,554.00	\$1,554.00
9	6" BOX GATE AND VALVE	2.0	EA	\$900.00	\$1,800.00	\$790.00	\$1,580.00	\$1,185.00	\$2,370.00
10	INSTALL FIRE HYDRANT	2.0	EA	\$900.00	\$1,800.00	\$850.00	\$1,700.00	\$1,000.00	\$2,000.00
11	8X6 DUCTILE IRON TEE	2.0	EA	\$350.00	\$700.00	\$390.00	\$780.00	\$800.00	\$1,600.00
12	8" 11 1/4 BEND	2.0	EA	\$275.00	\$550.00	\$315.00	\$630.00	\$500.00	\$1,000.00
13	8" 11 1/4 BEND W/ RETAINER	1.0	EA	\$300.00	\$300.00	\$385.00	\$385.00	\$600.00	\$600.00
14	CONNECT TO EXISTING SAN SEWER	1.0	EA	\$2,000.00	\$2,000.00	\$3,150.00	\$3,150.00	\$1,500.00	\$1,500.00
15	8" SDR-26 SANITARY SEWER	620.0	LF	\$25.00	\$15,500.00	\$39.50	\$24,490.00	\$60.00	\$37,200.00
16	48" DIA MANHOLE	28.5	VF	\$540.00	\$15,390.00	\$400.00	\$11,400.00	\$700.00	\$19,950.00
17	DROP CONNECTION MANHOLE	3.8	VF	\$400.00	\$1,520.00	\$575.00	\$2,185.00	\$450.00	\$1,710.00
18	DEMObILIZATION / RESTORATION	1.0	LS	\$3,000.00	\$3,000.00	\$2,600.00	\$2,600.00	\$3,850.00	\$3,850.00
19	TESTING ALLOWANCE	1.0	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
20	STAKING ALLOWANCE	1.0	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
TOTAL BID				\$106,965.40		\$109,710.35		\$153,415.50	

STAFF REPORT

TO: Utility and Infrastructure Board

FROM: Troy Schaben, Assistant City Administrator - Utilities

DATE: August 14, 2018

SUBJECT: Change Order #3 to Carstensen Contract for Utilities Extension to Processing Site.

Recommendation: Approve C.O. #3 to contract in amount of \$127,884.00.
--

Background: Carstensen Contracting, Inc. was awarded the contract for construction of Utility Extensions to the proposed processing facility on October 10, 2017. The construction plans showed construction of the 4" gas main on the south side of Morningside Road. Preliminary work in Morningside shows that existing utilities thought to be further north were actually constructed in the path of the proposed gas main. Constructing the gas main down the center of Morningside Road is most cost effective route. This will add \$127,884.00 in additional excavation and compaction costs.

Staff recommends approval of the amendment.

Fiscal Impact: With Change Order #3, the amended total contract will be \$5,616,663.66.

STAFF REPORT

TO: Utility and Infrastructure Board
FROM: Jeff Shanahan, Power Plant Superintendent
DATE: 8-14-18
SUBJECT: DRAFT Integrated Resource Plan

Recommendation: Review DRAFT of Integrated Resource Plan

BACKGROUND: Review DRAFT of Integrated Resource Plan (IRP) that is to be presented at special meeting on August 14, 2018.

Integrated Resource Plan

2018 to 2022

City of Fremont, Nebraska



Section	
1	Introduction
2	Public Works Oversight
3	Community Outreach
4	History
5	Community and Customer Profiles
6	Electrical Distribution System
7	Environmental
8	Existing Supply
9	Fremont Electrical Load and Forecasted Growth
10	Conservation and Demand Side Management
11	Excess Energy
12	Summary

Disclosure

This document contains estimates and forward looking trends and events, it is important to note that future events will affect this document and possibly alter the results of this document.

Acknowledgement

Electric production resource planning at the City of Fremont is an ongoing process. This integrated resource plan (IRP) is designed to evaluate the City's electric production resources and the City's electrical needs in the present as well as in the future.

DRAFT

1: Introduction

The City of Fremont (COF) owns its municipal electric system for the benefits of its ratepayers. The Utilities and Infrastructure Board (UIB) has oversight over the electric system and makes recommendations to the COF City Council whom has the ultimate decision making authority.

The COF electric production is part of a rapidly changing electric production environment. The electric industry is constantly changing; there are technological advancements, regulatory changes and customer preferences. COF understands it has to embrace and manage the changing environment, but still hold true to the mission of providing rate payers the safest, most reliable and cost effective energy possible.

COF has made a dramatic shift in its generating assets from primarily fossil fuel by adding renewables such as wind and solar. The COF is participating in a long-term purchase power agreement with NextEra Energy in the Cottonwood Wind Project, LLC for 41 MW's of wind energy. The COF also recently installed a community solar farm located in the COF that has an output of approximately 1.5 MW's and is in the construction phases of building a second community solar farm totaling 1 MW. When it is finished, the total community solar output will be approximately 2.5 MW's of electric power.

2: Public Works Oversight

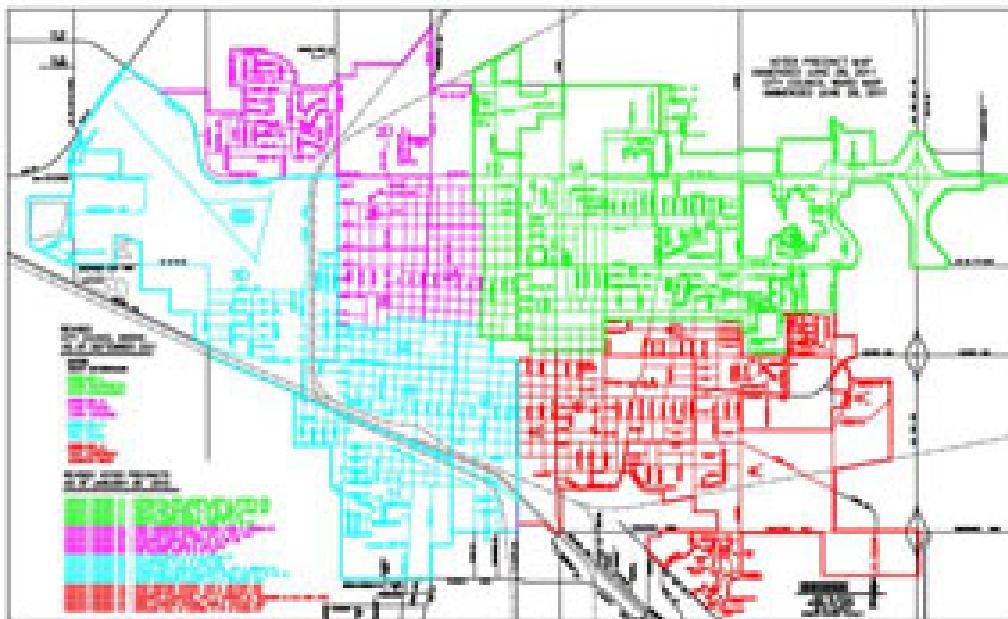
The Utilities and Infrastructure Board

The Utilities and Infrastructure Board (UIB) consists of five (5) citizens appointed by the Mayor and approved by the City Council, to serve as oversight of public works activities. Each member serves a five-year term. The UIB makes recommendations to the COF City Council concerning public works activities.

The UIB meets the second and last Tuesday of every month at 4:00 PM in the Municipal Building at 400 E. Military Fremont, NE. These meetings are open to the public and the public is encouraged to attend. The meetings generally consist of financial, project, and department updates.

The City of Fremont City Council

The COF's governance structure consists of an elected Mayor and eight (8) elected City Council members. There are two councilmembers from each of four (4) voting wards, shown below.



The City Council meets on the second and last Tuesday of every month at 7:00 PM in the council chambers at the Fremont Municipal Building 400 E. Military Fremont, NE. The City Council receives recommendations from the UIB and acts on those recommendations. These meetings are open to the public and the public is encouraged to attend.

3: Community Outreach

It is a priority of the COF to notify and engage the public regarding City projects. The COF uses several different methods of communication to provide ratepayers and the public with information on a variety of topics.

The COF publishes a newsletter that is included in the monthly billing statements that updates ratepayers about City activities, safety topics and other related topics. A monthly electronic newsletter is also published and sent to customers that have provided the utilities with their e-mail address. This newsletter includes items such as updates for the community solar projects, links to engineering assistance, and natural gas safety.

In addition to the newsletter, the COF utilizes social media as a means to notify customers of upcoming events and programs along with outage and storm damage updates. For further information, visit the COF Facebook page. <https://www.facebook.com/City-of-Fremont-NE-273002179432953/>

The COF provides a link on its web site (www.fremontne.gov) to information about safety and energy related topics. COF meets with community civic groups, public forums and educational institutions to engage the public and inform them of upcoming COF projects and activities. These events have been very helpful with the implementation of the community solar projects.

Annually, the COF has a booth at the Fremont Home Show. The booth is staffed with City employees that are available to discuss various topics concerning City functions. In addition to the booth, COF management participates in town hall type meeting with topics ranging from long term planning to community solar and wind projects, these meetings are open to the public and the public is encouraged to attend. COF staff also participates in a weekly radio session that provides information on various City topics.

COF staff participates in the “Ecology Fair” sponsored by Keep Fremont Beautiful each year for middle school children. COF staff also participate with local elementary schools and provides an educational tool called the “Energy Detective” for elementary educators to utilize. Both teachers and parents have been very supportive of this program.

The COF offers many opportunities for internships, school to career, and tours for students interested in the energy sector or to further their education. The COF annually provides tours of its facilities to students from the local high school and university. The COF staff also participate in mock interviews with the high school and local community college students.

In addition to the City Council meetings and the Utility and Infrastructure Board meetings, the City held a public meeting to discuss the Integrated Resource Plan and took public comments prior to official acceptance by the City Council.

4: History:

The COF electric system has been in operation since 1885, when the first “Light Plant” came online. The original light plant provided the streetlights from dusk to approximately 11:00 PM. The first power plant was located at 8th and Park St. (Downtown) Fremont. The plant began 24-hour electric service in 1907. The plant underwent many improvements resulting in five (5) steam driven turbine-generating units. The plant continued to operate until 1976, when it was officially decommissioned.

LDW Unit 6, located at Lon D. Wright Power Plant (LDW), started construction in 1955 with commercial operation beginning in January 1958. Shortly after LDW Unit 6 construction and commissioning was completed, construction on LDW Unit 7, adjoining the existing LDW Unit 6, came on line in 1962. During this period, the downtown plant and the LDW units served City customers.

In 1970 – 1971, the COF authorized the purchase and installation of LDW Unit 8, a 91.5 MW steam turbine generator and associated boiler and balance of plant equipment. LDW Unit 8 completed successful commissioning and established a commercial operation date in December 1976. Once LDW Unit 8 came online, the downtown plant was shut down and eventually all equipment was removed. The COF sold the downtown facility, and a developer repurposed the building as an apartment complex.

In 2003, the Derril G. Marshall Generating Station (a simple-cycle gas combustion turbine) went into service. The primary purpose of this plant to provide electric energy during peak period and to maintain electric reliability when LDW units are offline.

In 2017, the COF entered into a purchase power agreement for approximately 41 MW of wind energy from the NextEra Cottonwood Wind Project, LLC., near Blue Hill Nebraska.

In 2018, the COF built two community solar farms in the City. Ratepayers can subscribe to solar energy either by buying panels or by buying solar energy shares.

5: Community and Customer Profiles

The COF is located in the Platte River Valley in Dodge County in eastern Nebraska. Fremont is a first class City as defined by the State of Nebraska. The COF serves a diverse customer base comprised of residential, commercial, and industrial electrical loads.

Climate 2017 Data

Table 5-1

Average Daily Temperature	Average Low Deg. F	Average High Deg. F	Average Precipitation Inch	Average Snowfall Inch
January	13	33	.17	6
February	17	38	.83	7
March	27	50	1.93	6
April	38	63	2.91	2
May	50	74	4.21	0
June	60	83	4.72	0
July	65	87	3.62	0
August	62	85	3.43	0
September	52	77	3.15	0
October	40	65	2.13	1
November	28	49	1.38	3
December	16	34	1.02	7

Historic Growth – Table 5-2, below shows the population for Fremont and Dodge County from 1870 to 2016 (est.) based on U.S. Bureau of Census data.

Table 5-2

Year	City of Fremont	Dodge County
1870	1195	4212
1880	3013	11263
1890	6747	19260
1900	7241	22298
1910	8718	22145
1920	9592	23197
1930	11407	25273
1940	11862	23799
1950	14762	26265
1960	19698	32471
1970	22962	34782
1980	23979	35847
1990	23680	34500
2000	25174	36160
2010	26397	36691
2016 (est.)	26519	36757

Projected Population – The 2012 Comprehensive Plan for the COF projected the following population data for the COF in 2020 and 2030 (see Table 5-3). The population in 2040 was estimated using the data from the 2012 Comprehensive Plan.

Table 5-3

Year	City of Fremont
2020	27,466
2030	29,794
2040 (estimated)	32,319

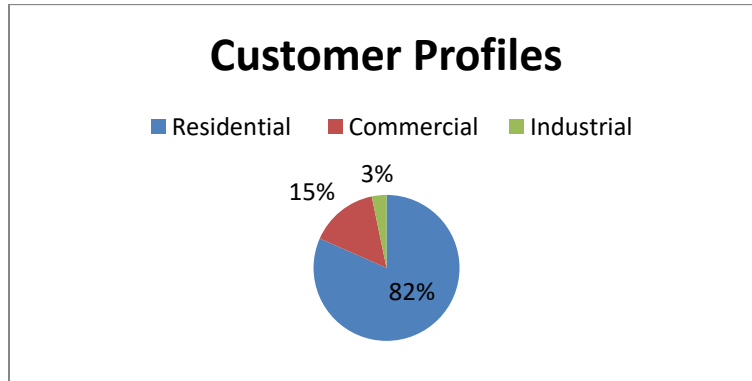
Fremont Demographics

The COF currently occupies approximately 8.80 square miles and according to the 2010 U.S. Census data, there are approximately 11,675 households in the City. Housing characteristics are: owner occupied - approximately 7,147 units and renter occupied - approximately 4,528 units¹. Home ownership represents 61.2% of all residential property.

The COF electric service area includes the COF and the surrounding area. A map of the service area is attached in the appendix of this document.

City Electric Customer Profile: Residential Customers: 12,457, Commercial Customers: 2,311, and Industrial Customers: 497

¹ Housing statistics derived from 2017 Dodge County housing study at www.dodgecountyhousingstudy.com.



6: City of Fremont Distribution System

COF operates its distribution system in a manner to provide the most dependable and lowest cost electricity to the customer. Distribution circuits are periodically evaluated to determine load levels and areas where circuits need to be upgraded and/or added to provide for more flexibility in shifting loads and for future growth.

The COF evaluates transformers to ensure they are not overloaded and operating as efficiently as possible. New transformers are evaluated when purchased for not only cost, but also for losses over the expected life of the transformer.

The COF has replaced essentially all electro-mechanical relays with newer microprocessor-based relaying on both the 13.8 kV and 69 kV systems. The new equipment has resulted in fewer widespread outages and better system reliability. The COF periodically reviews fuse coordination on the system to minimize customer outages, and reviews outage records to identify potential weaknesses in the distribution system and determine placement of additional fusing.

The COF has recently completed a power factor study on the distribution system, which resulted in a plan to install additional capacitors on various distribution circuits. The addition of these capacitor banks will optimize the power efficiency of the distribution system.

In addition, COF currently offers an incentive to encourage industrial users to improve their power factor. In 2017, a large industrial customer installed 4,350 kVAR of capacitors as part of an electric system improvement to their plant, which improved their peak month power factor from 83% to 96% or greater. This resulted in reduced kVAR demand, which can now be used to serve other loads.

The COF has recently completed three (3) long-term projects to improve the safety and reliability of the system. Replacement of old and obsolete oil filled 69 kV substation breakers with new sulfur hexafluoride (SF6) gas breakers, replacement of old and obsolete 13.8 kV substation breakers with new outdoor vacuum breakers, and upgrade substations to current code requirements.

A pilot project was completed to investigate the cost/benefits and energy efficiencies of changing the existing streetlights to light-emitting diode (LED) streetlights. The pilot project results showed a reduction in the cost and increased energy efficiencies. Therefore, going forward, the COF will be

installing LED street lights on all new installations, and replacing existing high-pressure sodium, mercury vapor, and metal halide fixtures as they fail with LED streetlights. Although the changeover will take several years to complete, analysis has shown that switching to LED streetlights will result in a streetlight demand reduction of approximately 372 kW and an energy consumption reduction of approximately 1,600,000 kilowatt-hours annually.

The COF is currently building two new distribution circuits (approximately 3.5 miles) to serve a new large industrial customer. The new electrical load is estimated to be 12-14 MW, and is scheduled to come online in mid-2019.

Weather can have an impact on the distribution system. In June of 2017, a thunderstorm moved through the COF service area with 115 mile-per-hour straight-line winds. The storm resulted in widespread damage to the distribution system, with outages to approximately 4,560 customers. COF crews, along with one neighboring mutual aid crew, restored service within two days to all customers who did not sustain damage to their electrical system and were able to utilize the power. The storm also destroyed 1.2 miles of 69kV transmission line, which was rebuilt and back in service in the spring of 2018.

To further improve the COF distribution system, the COF issued a request for proposal for a Supervisory Control and Data Acquisition (SCADA) Control System to upgrade/replace the existing SCADA systems for all four City utilities (water, natural gas, electric and wastewater). This will result in a common master SCADA platform for all four (4) utilities. The project also includes replacement/upgrading of entire control systems including programmable logic controllers (PLC's), remote terminal units (RTU's), human machine interface's (HMI's), radios, network servers, etc. Monitoring of 18 lift stations and 40 gas pressure regulator/gas metering stations will be added to the upgraded system. The project is expected to result in increased reliability, enhanced monitoring and control capability, and reduced operation and maintenance costs for the City.

In addition to the SCADA upgrade, the City has contracted with a local communications contractor to install a substantial expansion of the City's fiber optic communication network. The expansion is an approximate 18-mile fiber optic ring that includes COF electric substations, distribution warehouse, power plants, water treatment plant, and waste water treatment plant. The fiber optic network ring will be used for high-speed SCADA network communication, control, and direct transfer trip relay communications. The fiber network, along with the SCADA upgrade, will provide increased reliability, security and accommodate additional future functionality, such as outage management systems, distribution management system, and advanced metering infrastructure applications.

Due to capacity constraints on the two existing 69kV transmission ties with Omaha Public Power District (OPPD), the COF has contracted with OPPD to build a new 161kV/69kV transmission tie line into the COF. The line is scheduled to be completed by January 2019. In preparation for the new line, the COF has contracted for the design and construction of a major upgrade to Substation B. The upgrade will include a new control building housing all-new relaying and control panels. The new transmission tie will

have 1200-amp capacity and provide the COF with the ability to utilize additional outside “grid” resources.

In 2016, COF began using the American Public Power Association (APPA) eReliability Tracker software to track customer outages. The software allows the COF to calculate reliability indices for the distribution system and provides top-level reliability-related benchmarking information. In March of 2018, the COF was recognized by APPA for achieving excellence in reliability for 2017 by significantly outperforming the electric industry national average as reported by the Energy Information Administration (EIA). In addition, the COF earned a 2017 Gold Level Designation RP3 award from APPA, recognizing the COF as a Reliable Power Provider. The award recognizes utilities that demonstrate high marks in reliability, safety, workforce development, and system improvement.

In February of 2018, the COF commissioned a new 1.5 MW Community Solar Farm. COF’s customers participating in the community solar project purchase the energy from the solar farm. The solar farm’s output is connected directly to one of the COF’s 13.8 kV distribution circuits. The Community Solar Farm was so successful that the COF contracted for a second, 1.0 MW solar farm that is scheduled to be completed by September of 2018.

In 2018, the COF received a Grant from the Nebraska Environmental Trust to purchase five (5) electric vehicles and install two (2) electric charging stations. The dual 240-volt Level 2 chargers were installed on the distribution system in public locations to encourage use of electric vehicles and provide convenient locations for electric vehicle (EV) owners to charge their vehicles. The COF will apply for additional grant funding in future years for additional EV’s and charging stations to promote environmentally friendly EV usage in the COF. In addition, the COF is considering implementing additional EV incentives to build off-peak load.

The COF continues to use an infrared camera to monitor hot spots in substations and switchgears, motors, and electrical equipment. Regular monitoring helps to minimize unplanned outages and breakdowns. This monitoring also reduces energy losses caused by loose connections and failing equipment. The camera is shared with other City departments to help improve their operations.

In 2015, the COF purchased a commercial pole testing equipment so that COF personnel could perform wood pole testing in lieu of hiring a private contractor. From 2015 through 2017, approximately 2,454 poles were tested. The number of failed or “bad” poles is approximately 4 to 5 percent. As bad poles are found, they are replaced with new poles by COF staff. COF staff estimates that 1,000 poles will be tested each year. The COF’s goal is to have all wood poles on the system tested on a 10 to 15 year cycle.

COF staff performs annual transmission line inspections, based on the inspection repairs are prioritized and completed in a timely fashion. Every two years the distribution circuits, both underground and overhead are inspected and issues are repaired as appropriate. The COF also has its own tree-trimming crew. The crew trims trees to maintain clearance on the City’s electrical system in a four-year cycle. The COF has maintained very good reliability numbers by performing these tasks.

7: Environmental

One of the biggest challenges in projecting and planning for future power generation is the ever-changing environmental and regulatory climate. There have been several new environmental regulations that have affected the LDW Power Plant, including the Mercury Air Toxics Standards Rule, Cross State Air Pollution Rule and Coal Combustion Residuals Rule.

The sections below discuss several environmental regulations that affect the LDW Power Plant.

Acid Rain Program:

Title IV of the 1990 Amendments to the Clean Air Act required acid rain to be controlled, thus creating the Acid Rain Program. The Acid Rain Program requires the monitoring, recordkeeping and reporting of sulfur dioxide (SO₂), nitrogen dioxides (NO_x), carbon dioxide (CO₂), volumetric flow and opacity under 40 CFR part 75. The LDW Unit 8 and Derril G. Marshall Generating Station are subject to the Acid Rain Program and is allocated allowances annually for each unit from the Environmental Protection Agency (EPA). The LDW Unit 8 has the ability to operate on coal and natural gas. The unit also utilizes natural gas or propane for igniters and flame stabilization. The Derril G. Marshall Generating Station is a dual fuel simple cycle combustion turbine that can operate on natural gas or number two fuel oil. Annual allowances are maintained in an account and annual SO₂ and NO_x emissions are subtracted from the annual allocated allowances. Any remaining unused allowances can be banked and used in future year's emissions.

Cross-State Air Pollution Rule (CSAPR):

The Cross-State Air Pollution Rule (CSAPR), also known as the Transport Rule was finalized by the EPA on July 6, 2011. After court challenges, the rule became effective on January 1, 2015 to reduce SO₂ and NO_x emissions by setting an annual limit on tons of pollutant emitted through the use of allowances. The rule does allow affected sources to determine how they will meet compliance. Affected sources must have enough allowances in their account at the end of the compliance period to cover the emissions for that period. Participants in the CSAPR are allowed to buy, sell or bank allowances. The LDW Unit 8 and the Derril G. Marshall Generating Station are subject to the CSAPR and holds allowances to cover annual SO₂ and NO_x emissions.

Mercury and Air Toxics Rule (MATS):

The Mercury and Air Toxics Rule (MATS) final rule became effective on April 16, 2012, and created technology based standards to limit mercury, acid gases and other pollutants emitted by power plant electric generating units (EGUs) with a capacity of 25 megawatts or greater. The MATS rule required sources to comply with the rule no later than April 16, 2015. Sources could apply to their permitting authority for a 1-year extension allowed under Section 112 of the Clean Air Act. The LDW Unit 8 is subject to the MATS Rule and installed a Spray Dryer Absorber (SDA) to control acid gases, a fabric filter baghouse to control particulate matter (PM) and a powder activation carbon (PAC) injection system to control mercury to comply with the emission standards.

National Pollutant Discharge Elimination System (NPDES):

The National Pollutant Discharge Elimination System (NPDES) permit program was created in 1972 by the Clean Water Act to address water pollution from point sources that discharge to waters of the United States. The LDW was issued their current NPDES permit from the Nebraska Department of Environmental (NDEQ) on July 3, 2017. The permit included a compliance schedule to meet the requirement of zero discharge of bottom ash transport water set forth in the 2015 revision of the Steam Electric Power Generating (ELG) category of 40 CFR Part 423. Due to pending litigation of the ELG Rule, the EPA has proposed a reconsideration of the rule that applies to bottom ash transport water at existing sources.

Coal Combustion Residuals (CCR):

The Coal Combustion Residuals (CCR) Rule was published in the *Federal Register* on April 17, 2015 and became effective on October 19, 2015. The CCR rule details requirements for the safe disposal of coal combustion residuals from coal-fired power plants into landfills and surface impoundments under Subtitle D of the Resource Conservation and Recovery Act (RCRA). Based on the CCR rule, the LDW power plant meets the definition as an existing landfill and complies with the rule.

8: Existing Electrical Supply

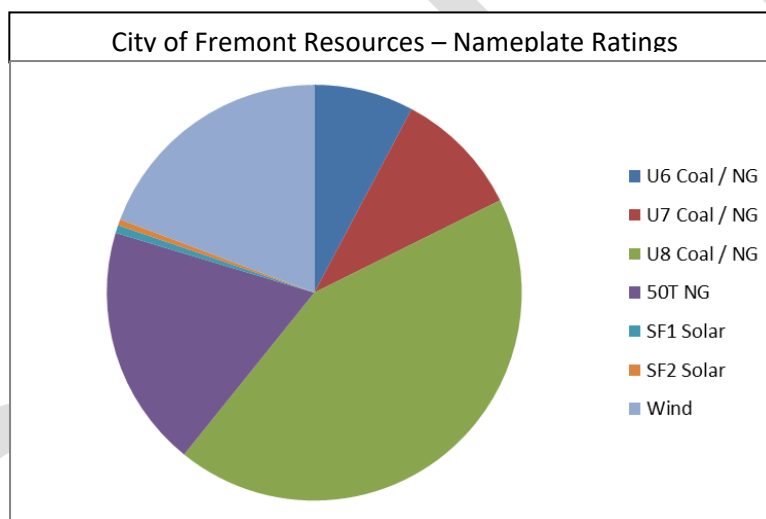
It is the mission of the COF to provide safe, reliable, economical electricity to their customer owners at the lowest cost. In order to accomplish this it is imperative that the assets of the utilities be properly maintained and operated.

The COF serves approximately 15,265 electric customers located in and around the COF. A map of the COF electric service area is included in the appendix.

The COF operates the electrical system for the ratepayers. The system includes three (3) coal and natural gas fired boilers supplying steam to three (3) steam turbine generators located at the LDW Power Plant. One (1) dual fuel combustion turbine located at the DGM Power Plant. One (1) solar farm (SF1) on the City's distribution system near the existing power plant. One (1) solar farm (SF2) currently under construction on the City's distribution system located at the City's Well Field. In addition, a Purchase Power Agreement (PPA) for wind energy with NextEra Energy Cottonwood Wind Project, LLC, near Blue Hill, Nebraska. A summary of the units below:

Table 8-1

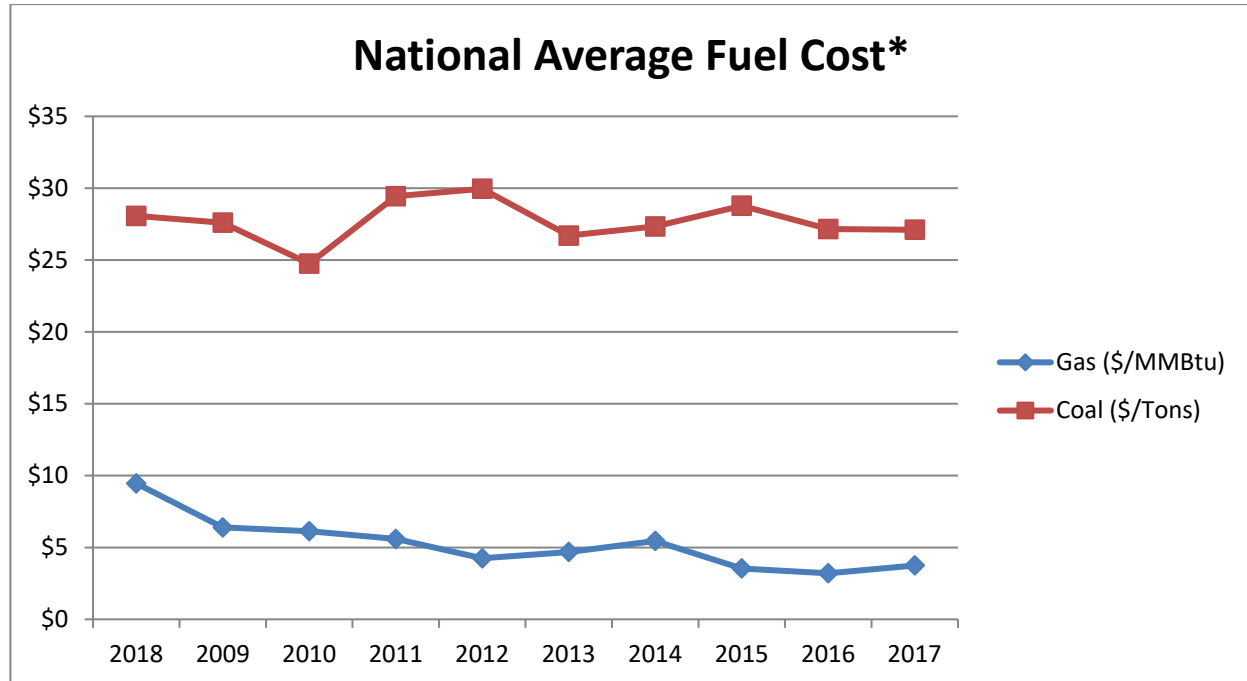
Unit	In-Service Year	Nameplate Rating MW	Rating Net MW	Fuel Supply
LDW Unit 6	1956	16.5	15	Coal / Natural Gas
LDW Unit 7	1962	21	20	Coal / Natural Gas
LDW Unit 8	1976	91.5	82	Coal / Natural Gas
Derril G. Marshall Generating Station	2003	40	36	Natural Gas / #2 Diesel
Solar Farm 1 (SF1)	2018	1.3		Renewable Solar
Solar Farm 2 (SF2)	2018	1.0		Future (10/1/2018)
Cottonwood Wind Project LLC (Joint)	2018	40.89		Renewable Wind (PPA)



City of Fremont Power Plants: LDW - Derril G. Marshall Generating Station

The LDW Power Plant and the Derril G. Marshall (DGM) Power Plant serve the City's demand and are able to produce additional electrical energy to the grid. The primary fuel for the LDW Power Plant is coal from the Powder River Basin in Wyoming. The coal is low sulfur and approximately 8,800 Btu's per pound. Coal is supplied by rail and the COF receives shipments from late March through November. The COF stockpiles coal to provide adequate fuel supply for the winter months.

The chart below indicates the national average price for coal and natural gas since 2008, plus the estimated cost of delivery to Fremont. The COF purchases approximately 315,000 tons of coal per year and approximately 175,000 MMBtus of natural gas. These amounts change based on weather and the COF's demand.



*Gas cost: Rate includes both commodity and pipeline transportation cost average for that year traded on the NYMEX.

*Coal cost: Rate includes the commodity and rail transportation cost average for that year according to the Argus Coal Weekly Pricing and Rail rate.

LDW Power Plant has seen many improvements and repairs over the years. Most of the improvements have been required to meet new state and federal regulatory requirements, while repairs are required to maintain high reliability standards. The following are some of the plant improvements made.

1978-1979: LDW Unit 6 and LDW Unit 7 were equipped with baghouses and new induced draft fan (ID Fan) for capture of fly ash.

1979-1980: An ash conveying and storage system was installed for all three (3) LDW units. This replaced the ash sluicing system.

1995: A continuous emissions monitoring system was installed on LDW Unit 8 as part of the Clean Air Act to monitor SO₂, NO_x, CO₂, Air Flow and Opacity.

2002 The installation of the reverse osmosis system and the water analysis equipment was installed to better monitor the boiler water and increase the efficiency of the existing demineralized water system.

2002 LDW Unit 8 cooling tower replacement.

2000-2003 Honeywell digital controls were installed to replace the original pneumatic controls on all three (3) LDW units. This installation provided improved boiler and turbine control and tuning, enhanced data collection and logging, and allowed the utilities to combine

	multiple control rooms to better staff the facility and increase communication within operations and maintenance.
2001-2003	LDW Unit 6 and 7 generator excitation systems were obsolete and replaced with new systems.
2006	LDW Unit 6 and LDW Unit 7 condenser tube replacement. This project was done to ensure reliability due to unexpected tube leaks and to aid in the efficiency.
2014	LDW Unit 8 electrostatic precipitator was rebuilt due to age and condition of the original electrostatic precipitator. The electrostatic precipitator's function is to capture fly ash from LDW Unit 8.
2014	LDW Unit 8 cooling tower fill was replaced, this allows for increased efficiency and reliability.
2015	LDW Unit 8 boiler was stiffened to protect the boiler due to the installation of the new induced draft fan.
2015	An Air Quality Control System (AQCS) was installed on LDW Unit 8. The AQCS consists of a dry scrubber, carbon injection, baghouse, ash system, and associated equipment.
2015	LDW Unit 8 Generator field rewind.
2015	LDW Unit 8 generator and turbine inspections were conducted based on hours of operation. The inspections provide an opportunity to inspect, clean and repair all internal components to allow for safe, reliable and efficient operation of the unit.
2017	LDW Unit 8 excitation system replaced due to the obsolescence of the prior system. The new system provides for reliable generator control and protection.
Ongoing	Units 6, 7 and 8 turbines and generators are inspected on a periodic basis (approximately 40,000 hours of operation).

Plant staff evaluates methods and practices to increase plant efficiency. When the units are in an outage, equipment is inspected, cleaned, and calibrated to provide efficient and reliable service. The LDW Power Plant has established a program to replace the original lighting with energy efficient LED lighting.

Below is a brief description of each of the energy sources that serve City customers:

LDW Unit 6

The construction of the LDW Power Plant began in 1955 with the construction of LDW Unit 6, a 16.5 MW General Electric steam turbine powered by a Babcock and Wilcox coal and natural gas fired boiler. LDW Unit 6 boiler operates at ~ 925° F @ 880 PSI.

LDW Unit 6 is primarily a standby unit operated when LDW Unit 8 is offline or during high demand seasons. LDW Unit 6 has seen many modifications including the addition of a baghouse and new induced

draft fan, removal of original pneumatic controls and replaced with state of the art digital controls. LDW Unit 6 utilizes a non-reheat turbine and once through condenser.

LDW Unit 6 Turbine / Generator inspection is performed based on hours of operation. The boiler is inspected twice per year depending on operation of the unit. A boiler life study was conducted and the results of the study determined that the boiler and associated equipment are suitable for service.

LDW Unit 7

LDW Unit 7, commissioned in 1962, is a 21 MW General Electric Steam Turbine powered by an Erie City coal and natural gas boiler. LDW Unit 7 boiler operates at ~925° F @ 880 PSI.

LDW Unit 7, is primarily a standby unit operated when LDW Unit 8 is offline or during high demand seasons. LDW Unit 7 has seen many modifications including the addition of a baghouse and new induced draft fan, removal of original pneumatic controls and replaced with state of the art digital controls. LDW Unit 7 utilizes a non-reheat turbine and once through condenser.

LDW Unit 7 Turbine / Generator inspection is performed based on hours of operation. The boiler is inspected twice per year depending on operation of the unit. A boiler life study was conducted and the results of the study determined that the boiler and associated equipment are suitable for service.

LDW Unit 8

LDW Unit 8, commissioned in 1976, is a 91.5 MW General Electric steam turbine generator powered by a Babcock and Wilcox coal and natural gas fired boiler. LDW Unit 8 operates as a load following generator, it is the primary unit utilized to serve the City's customers.

The fuel supply for LDW Unit 8 is primarily low sulfur nominal 8,800 btu Powder River Basin (PRB) coal. LDW Unit 8 also has the ability to burn natural gas, however seasonal gas supply to the plant is insufficient to provide the quantity of natural gas to achieve full output. When natural gas is utilized, it is during start-up or co-fired with coal. LDW Unit 8 utilizes natural gas and, in an emergency propane, for start-up fuel and flame stabilization. LDW Unit 8 utilizes a reheat turbine boiler and a cooling tower for condenser cooling.

LDW Unit 8 Turbine / Generator inspection is performed based on hours of operation. The boiler is inspected twice per year depending on operation of the unit.

Derril G. Marshall Generating Station

The Derril G. Marshall Generating Station was installed and commissioned in 2003. The unit is a dual fuel (natural gas / liquid fuel) nominal 40 MW simple cycle General Electric Frame 6B combustion turbine. It is a standby unit used for reliability concerns and during peak demand. The natural gas supply for the unit comes from the City's natural gas system at 120 PSI to the inlet of a natural gas compressor that raises the pressure to the required 310 PSI.

Cottonwood Wind Project, LLC

In 2017, the COF entered into a power purchase agreement with NextEra for the purchase of nominal 41 MW of wind energy from the Cottonwood Wind Project, LLC. This is a joint project with the COF as one of the participants. The total Cottonwood Wind Project is approximately 89 MW.

On December 1, 2017, NextEra completed commissioning and turned the City's share of the wind farm over to the COF. On February 1, 2018, all documentation was completed and the City's portion of the wind farm was registered with the Southwest Power Pool (SPP) as a COF generation asset.

COF Community Solar Farm 1 and 2

The COF conducted multiple community outreach meetings to gauge the interest in a community solar farm. The response was overwhelmingly positive, prompting the COF to solicit proposals for a solar farm located on an 11-acre site adjacent to the LDW Power Plant. The solar farm was initially going to be approximately one (1) MW, however due to the large volume of customers wanting to participate, the solar farm was enlarged to approximately 1.3 MW.

On March 27, 2018, the City Council approved the purchase of Community Solar Farm #2 to be located at the COF's Well Field. The proposal for Solar Farm #2 is approximately one (1) MW.

Western Area Power Administration (WAPA)

The COF has a long-term firm energy and capacity agreement with Western Area Power Authority (WAPA). Table 8-2 below summarizes the energy received from WAPA on an annual basis.

Table 8-2

Month	Energy (MWH)	Capacity (kW)
January	2,443	4,285
February	2,249	4,345
March	2,358	3,975
April	2,138	4,049
May	1,684	3,931
June	1,855	4,090
July	2,184	4,369
August	2,453	4,792
September	1,969	4,297
October	1,746	3,104
November	2,465	4,433
December	2,706	4,790

9: Fremont Electrical Load and Forecasted Growth

The COF electric system presently serves approximately 15,265 customers. The COF has a total net generation capacity of 153 Megawatts illustrated in Table 9-1 below. The COF receives a maximum of 4.7 Megawatts per hour from the Western Area Power Administration (WAPA).

Table 9-1

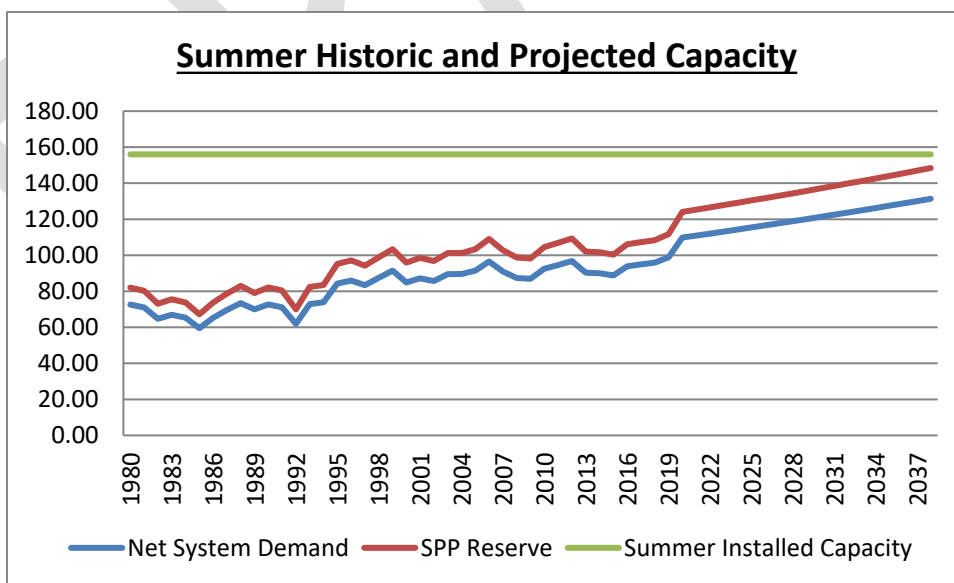
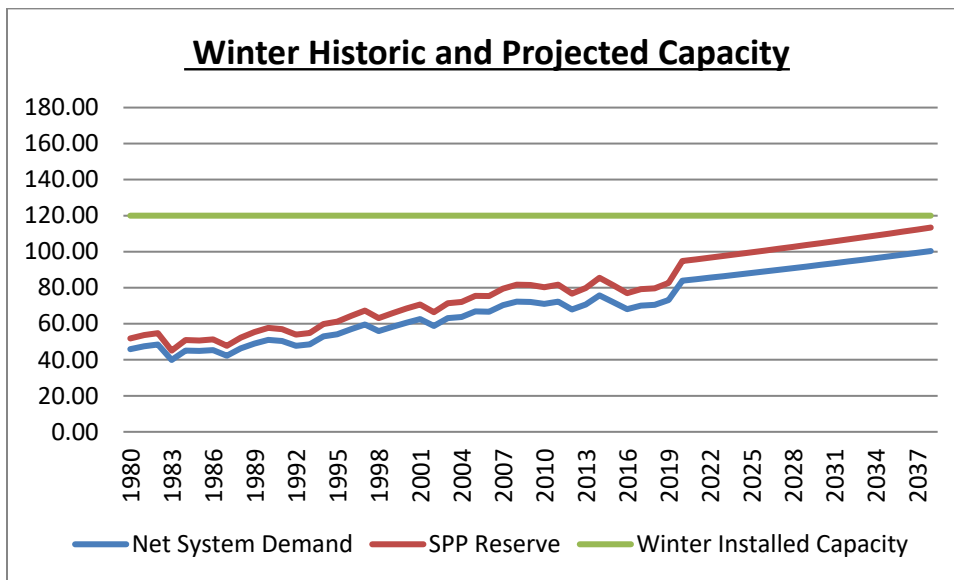
Unit	Net Winter MW Rating (Capacity)	Net Summer MW Rating (Capacity)
LDW Unit 6	15 MW	15 MW
LDW Unit 7	20 MW	20 MW
LDW Unit 8	82 MW	82 MW
DGM	0 MW	36 MW
WAPA	3 MW	3 MW
Capacity Reserve 13%	16 MW	20 MW
Total Installed Capacity	120 MW	156 MW
Total Installed Capacity – Reserve	104 MW	136 MW

The COF operates the fleet of electric generating units to provide reliable, safe and cost effective electric energy to it ratepayers. LDW Unit 8 provides the majority of energy to supply the COF electric demand. Table 9-2 below illustrates the City's demand and the energy produced from each resource for calendar years from 2012 through 2017. During unit outages and when energy prices are low, the COF purchases energy to serve ratepayers. In Table 9-2, the off system sales are a result of the net effect of purchases and sales.

Table 9-2

Year	Fremont Demand	LDW Unit 8	LDW Unit 7	LDW Unit 6	Derril G. Marshal	WAPA	Off System Sales
2012	442,532.60	353,836.90	54,511.21	44,176.58	1,801.51	26,285.20	38,078.80
2013	437,914.07	341,597.65	80,914.23	59,920.49	7.54	26,218.80	70,744.64
2014	438,011.10	333,782.92	85,250.93	55,452.23	57.78	26,289.50	62,822.26
2015	435,002.80	306,728.04	81,542.68	43,860.50	5,745.58	26,243.90	29,117.90
2016	439,676.51	301,064.91	90,861.97	55,178.61	10,668.62	26,304.00	44,401.60
2017	432,645.96	351,918.53	66,301.22	36,070.77	499.24	26,249.50	48,393.30

The charts below illustrate the historical winter and summer peak demand for the COF from 1980 to 2017. The data assumes a 1% growth to the system from 2018 to 2038, based on historic growth of 1% from 1980 to present. The charts also include the additional industrial load that will be starting in 2019 and completed in 2020. This industrial load is assumed to be two (2) MW in 2019 and twelve (12) MW in 2020. The data for these charts is included in the appendix at the end of this report. As displayed below, the City's current resources are sufficient to meet Fremont's energy demands in both the winter and summer seasons.



The charts below illustrate various load growth scenarios for winter and summer peak demands. Chart 1 illustrates the COF's historic summer peak demand and growth increases of 1%, 1.5%, 2% and 2.5%.

Chart 1

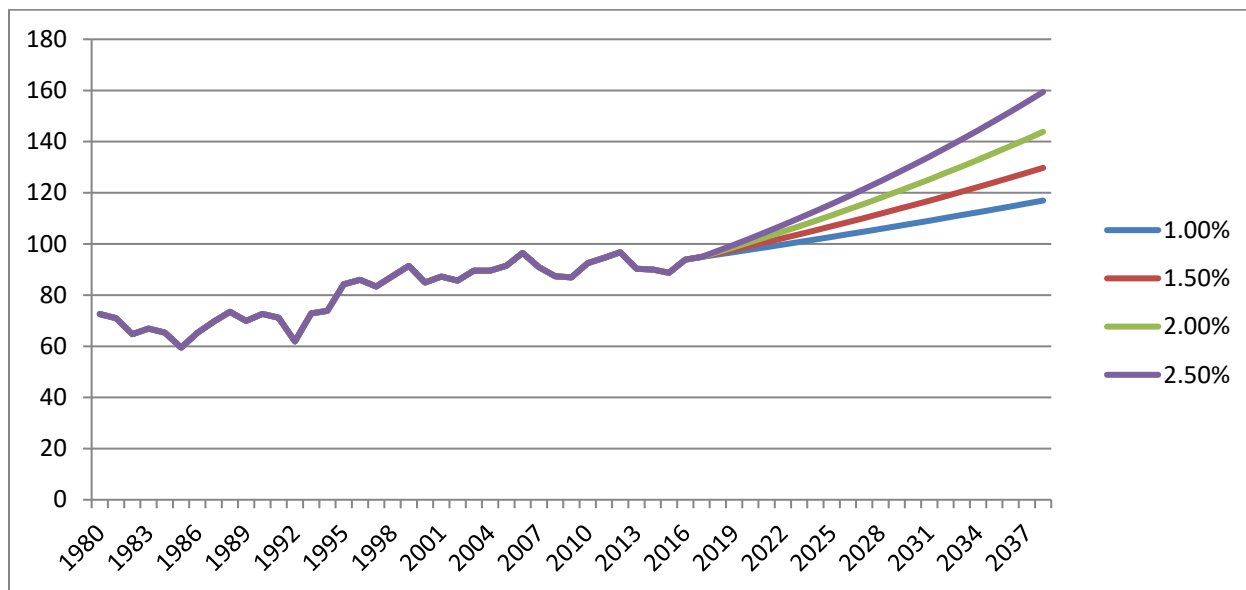


Chart 2 illustrates the COF's historic winter peak demand and growth increases of 1%, 1.5%, 2% and 2.5%.

Chart 2

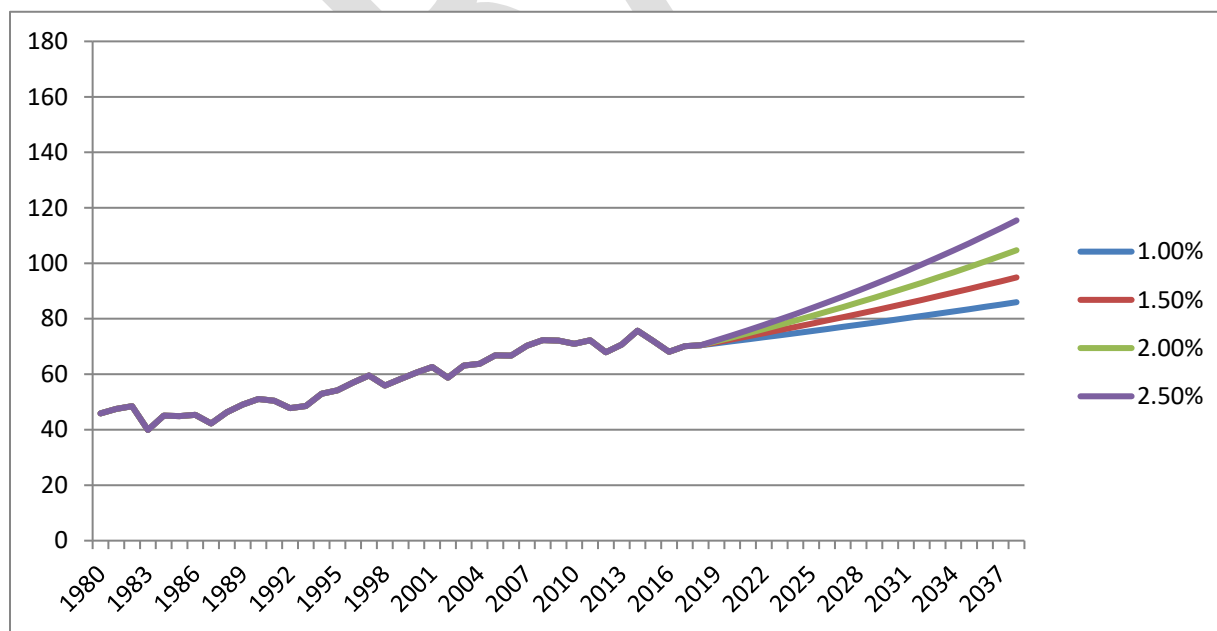


Chart 3 utilizes historic summer demand data, the assumed 1% growth, 12 MW of new industrial load in 2020, and growth increases of 1%, 1.5%, 2% and 2.5%.

Chart 3

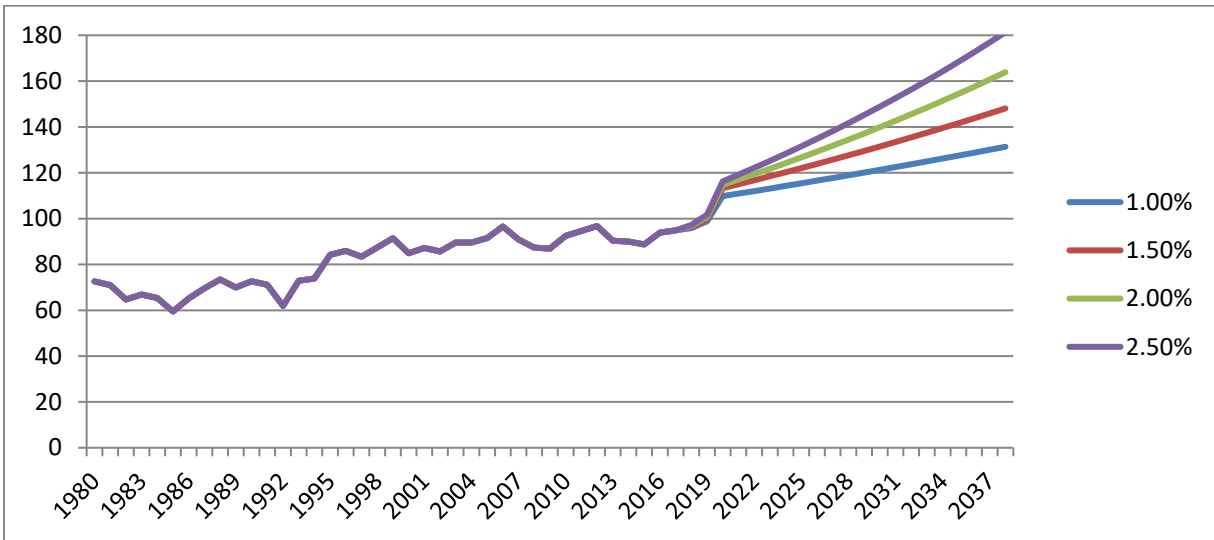


Chart 4 utilizes historic winter demand data, the assumed 1% growth, 12 MW of new industrial load in 2020, and growth increases of 1%, 1.5%, 2% and 2.5%.

Chart 4

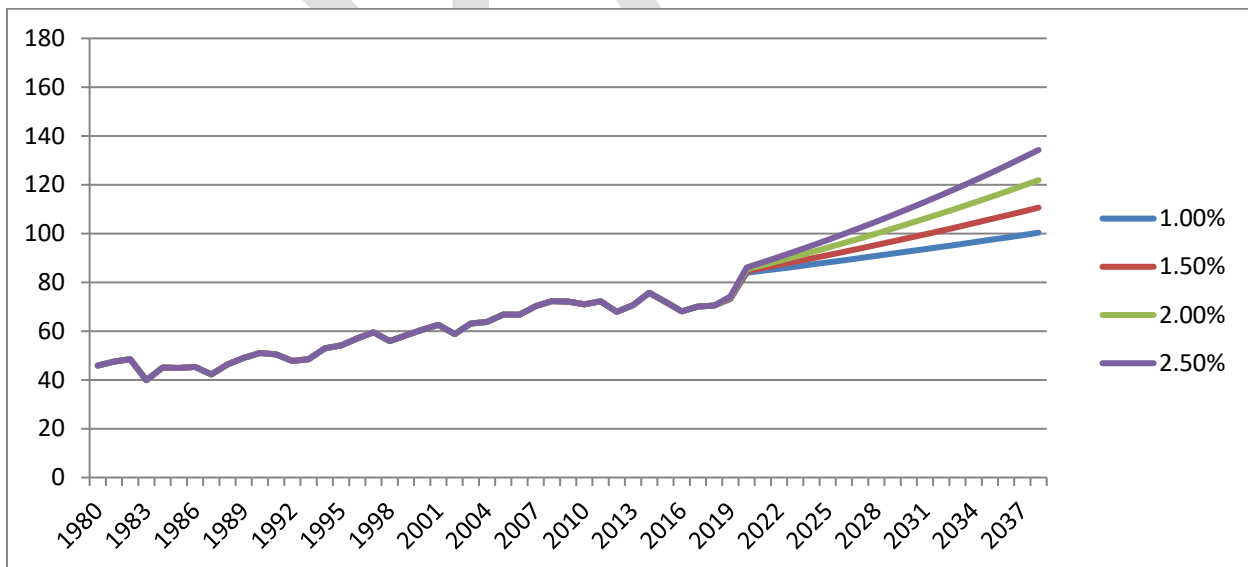


Chart 5 shows **summer** peak demand of 1% growth, 12 MW of new industrial load in 2020, and growth increases of 1%, 1.5%, 2% and 2.5%.

Chart 5

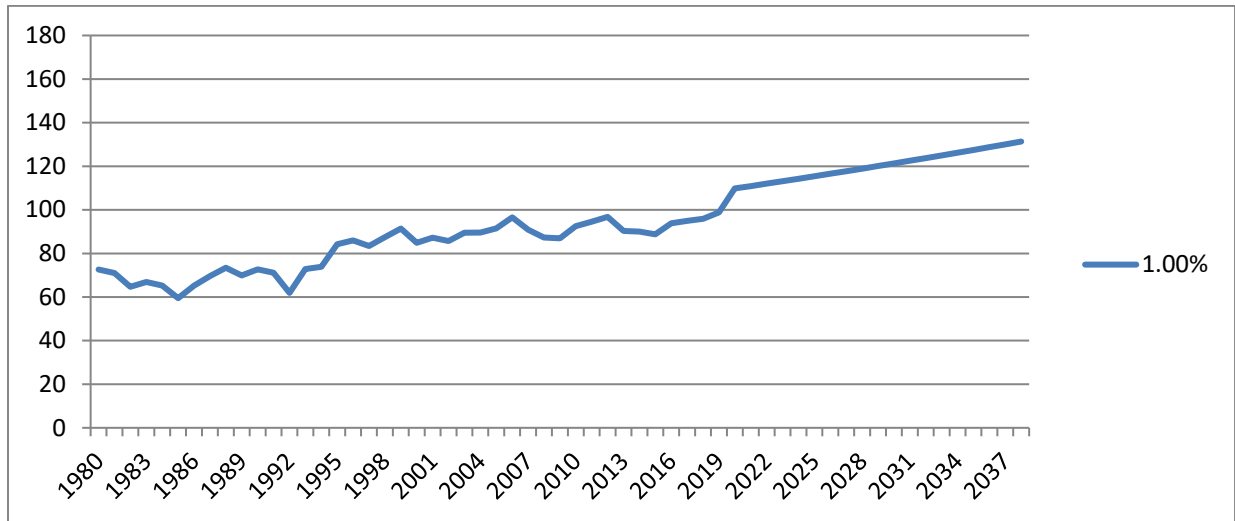


Chart 6 shows **winter** peak demand of 1% growth, 12 MW of new industrial load in 2020, and growth increases of 1%, 1.5%, 2% and 2.5%.

Chart 6

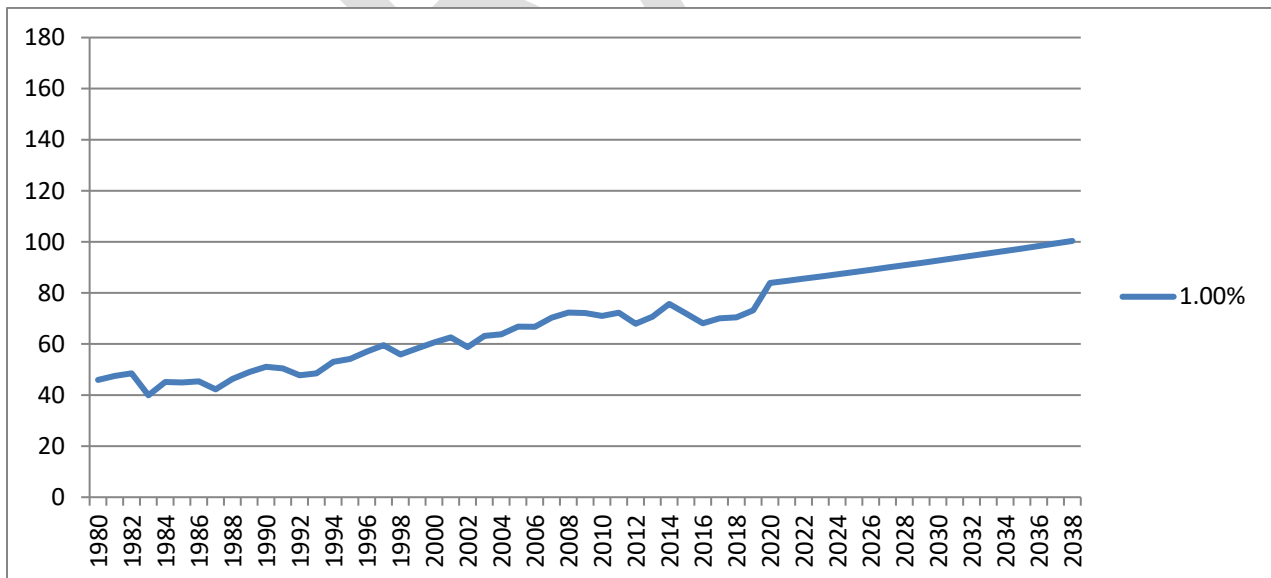


Chart 7 shows projected summer peak demands with and without the 12 MW of new industrial load in 2020.

Chart 7

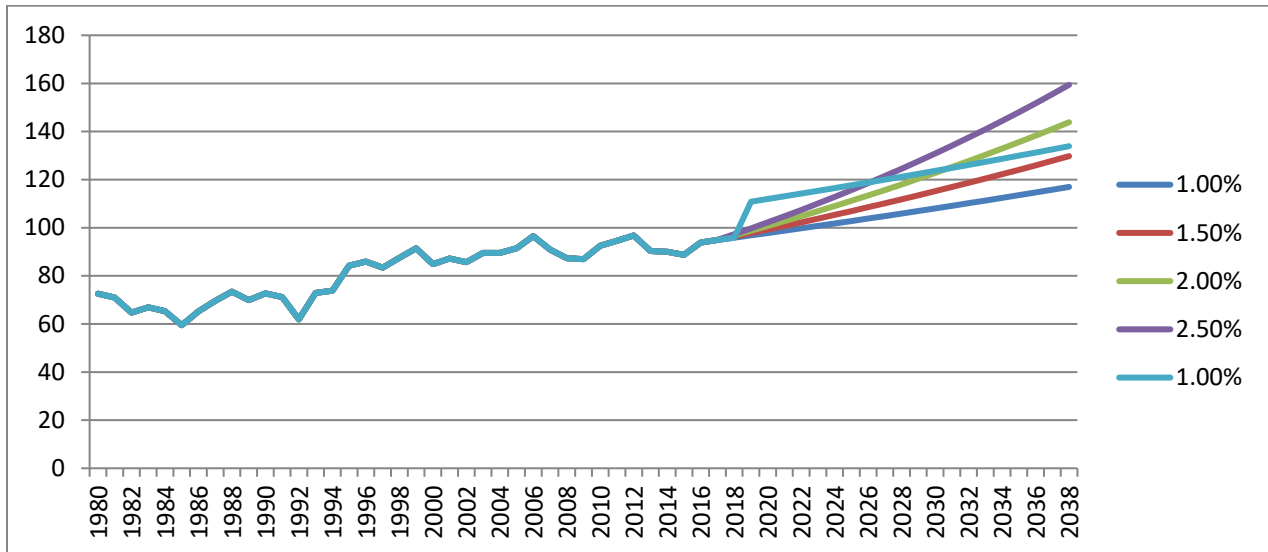
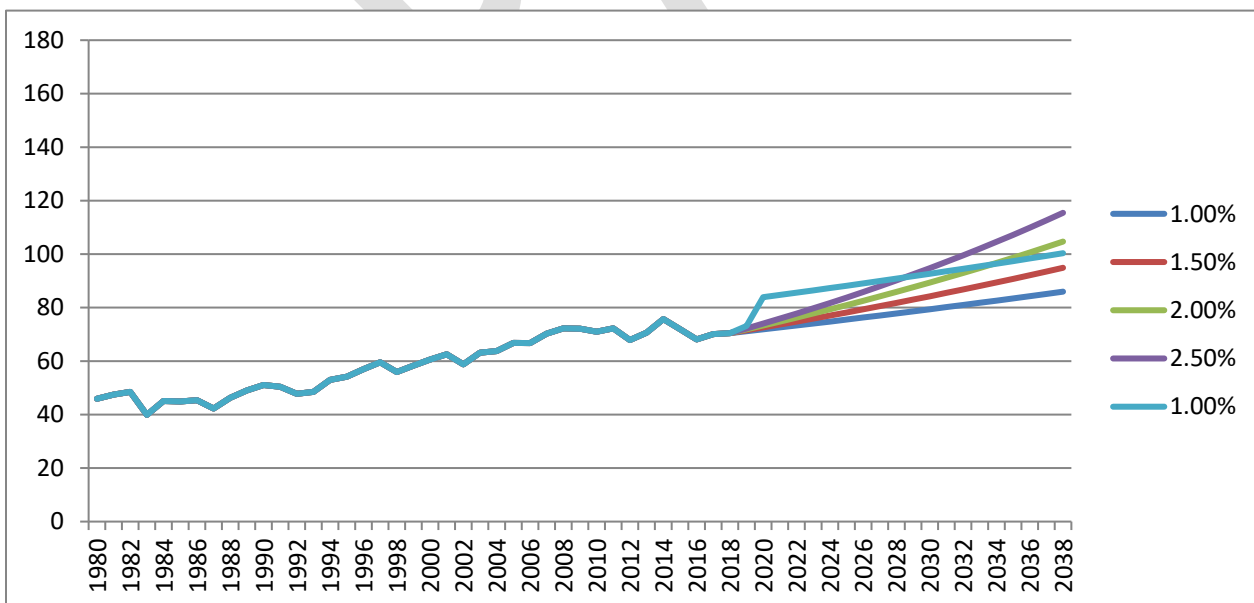


Chart 8 shows projected winter peak demands with and without the 12 MW of new industrial load in 2020.

Chart 8



10: Conservation and Demand Side Management

Nebraska consistently ranks in the top 10 of the lowest electric energy prices in the United States. Electric energy prices in the COF are equally low making it difficult to justify a demand side program. The COF has seen a reduction in electric demand from ten (10) years ago. This reduction has been attributed to increased efficiencies in residential, commercial and industrial loads. An example is the COF's efforts in changing out the streetlights in the City with LED lights to significantly reduce consumption.

The COF will continue to monitor the COF's demand and the available generation, and if necessary and economically feasible, the COF may adopt some form of Demand Side Management or energy conservation program.

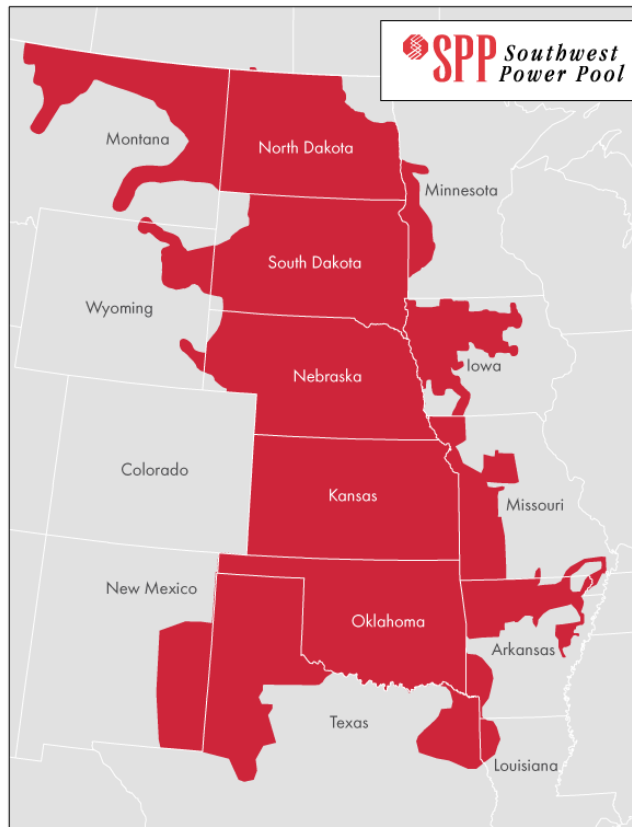
The COF is in the process of establishing an electric vehicle incentive program and has been working with multiple organizations to encourage the purchase of electric vehicles. The COF is also installing charging stations for public use. The charging stations will collect data to indicate usage patterns that can be used to promote electric vehicles in the future.

11: Excess Energy

The COF participates in the Southwest Power Pool (SPP) market (map below). The COF schedules estimated demand and generation resources on a daily basis. As shown on Table 9-2, the COF has generation available for "off system sales" and makes that energy available into the SPP market when it makes economic sense.

As COF's load increases or there are unforeseen regulatory constraints, the amount of energy that the COF has available to place into the SPP market may be reduced.

The COF monitors pricing and demand to determine which units that are placed into service. There are periods of the year and or conditions that warrant multiple unit operation due to reliability constraints. The COF manages the operation and loading of those units to provide a reliable source of energy, while being cognizant of the pricing per unit.



12: Summary:

- The COF will review that electric demand of the City and compare it against the forecasted demands in this report.
- The COF will monitor the regulatory agencies for impact to the existing fleet of generation sources.
- The COF will provide outreach to stakeholders in the City. This will provide the COF the opportunity to gauge the ratepayer's energy trends. This also provides the COF the opportunity for ratepayer input on existing and new generation sources.
- As illustrated in this report, the City's expected growth in demand, including the new industrial load, should not exceed available generation.
- The COF will monitor customer preferences in electric supply and resource mixes.

Appendix

City of Fremont service area map



COF net summer and winter peak demand historic from 1980 through 2017, and estimated from 2018 to 2038, as indicated by the yellow text.

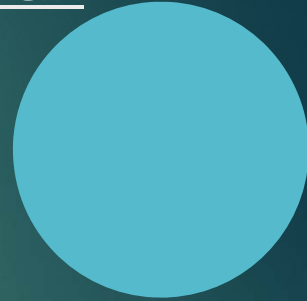
<u>Net Summer System Peak Demand</u>		<u>Net Winter System Peak Demand</u>	
<u>Year</u>	<u>Net System Demand</u>	<u>Year</u>	<u>Net System Demand</u>
1980	72.60	1980	45.90
1981	71.00	1981	47.50
1982	64.70	1982	48.50
1983	66.90	1983	39.90
1984	65.32	1984	45.10
1985	59.48	1985	44.90
1986	65.23	1986	45.38
1987	69.60	1987	42.26
1988	73.45	1988	46.31

1989	69.94	1989	49.03
1990	72.69	1990	51.08
1991	71.15	1991	50.44
1992	61.92	1992	47.77
1993	72.88	1993	48.53
1994	73.86	1994	52.98
1995	84.22	1995	54.17
1996	85.97	1996	57.00
1997	83.39	1997	59.54
1998	87.44	1998	55.90
1999	91.44	1999	58.30
2000	84.90	2000	60.57
2001	87.23	2001	62.58
2002	85.68	2002	58.77
2003	89.54	2003	63.15
2004	89.55	2004	63.78
2005	91.49	2005	66.82
2006	96.52	2006	66.72
2007	90.91	2007	70.30
2008	87.34	2008	72.28
2009	86.93	2009	72.12
2010	92.49	2010	71.00
2011	94.58	2011	72.26
2012	96.77	2012	67.90
2013	90.31	2013	70.66
2014	89.99	2014	75.71
2015	88.76	2015	71.96
2016	93.87	2016	68.11
2017	94.91	2017	70.08
2018	95.86	2018	70.46
2019	98.82	2019	73.16
2020	109.81	2020	83.90
2021	110.90	2021	84.73
2022	112.01	2022	85.58
2023	113.13	2023	86.44
2024	114.26	2024	87.30
2025	115.41	2025	88.17
2026	116.56	2026	89.06
2027	117.73	2027	89.95
2028	118.90	2028	90.85
2029	120.09	2029	91.76

2030	121.29
2031	122.51
2032	123.73
2033	124.97
2034	126.22
2035	127.48
2036	128.76
2037	130.04
2038	131.34

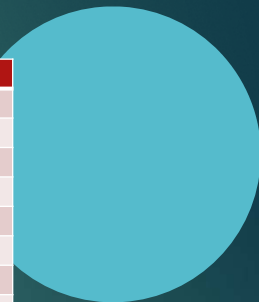
2030	92.67
2031	93.60
2032	94.54
2033	95.48
2034	96.44
2035	97.40
2036	98.37
2037	99.36
2038	100.35

City of Fremont 2018 Integrated Resource Plan



2018 Integrated Resource Plan

Section	
1	Introduction
2	Public Works Oversight
3	Community Outreach
4	History
5	Community and Customer Profiles
6	Electrical Distribution System
7	Environmental
8	Existing Supply
9	Fremont Electrical Load and Forecasted Growth
10	Conservation and Demand Side Management
11	Excess Energy
12	Summary



Section 1: Introduction

- ▶ Electric Production rapidly changing
 - ▶ Environmental
 - ▶ Regulator (SPP)
 - ▶ Customer Preference
- ▶ COF Generation Asset Shift
 - ▶ Coal / Natural Gas
 - ▶ Wind Energy 2017
 - ▶ Solar Energy 2018

Section 2: Utility Oversight

- ▶ Utilities and Infrastructure Board (UIB)
 - ▶ Five member board
 - ▶ Appointed by Mayor and approved by City Council
 - ▶ Meetings second and last Tuesday of every month at 4:00 PM
- ▶ City Council
 - ▶ Elected Mayor
 - ▶ Four council districts with two councilpersons per ward
 - ▶ Meetings second and last Tuesday of every month at 7:00 PM

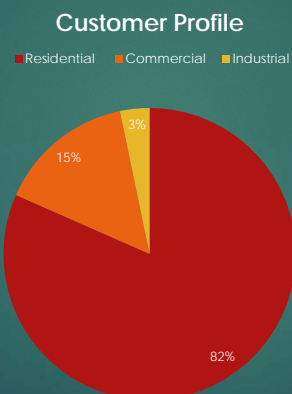
Section 3: Community Outreach

- ▶ Newsletters
- ▶ Fremont Facebook Page
- ▶ Fremont website (www.fremontne.gov)
- ▶ Home show / town hall meeting / JC Fremont Days
- ▶ Local schools programs / tours / mock interviews
- ▶ UIB and City Council meetings are open to the public

Section 4: History

- ▶ Original Power Plant 8th and Park
- ▶ LDW Power Plant
 - ▶ LDW Unit 6
 - ▶ LDW Unit 7
 - ▶ LDW Unit 8
- ▶ DGM Combustion Turbine
- ▶ Cottonwood Wind Project PPA
- ▶ Community Solar Farm 1 and 2

Section 5: Community and Customer Profiles



Section 6: City of Fremont Distribution System

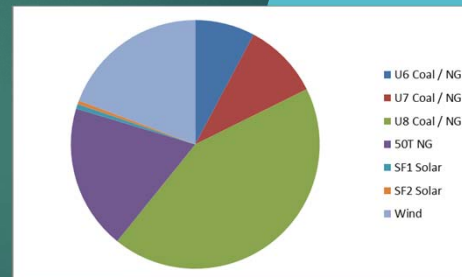
- ▶ Ongoing testing
- ▶ Updated protective relays
- ▶ Power Factor correction – Utility and Customers
- ▶ Circuit Breaker Replacement
- ▶ LED Street Lighting
- ▶ Large Customer infrastructure additions
- ▶ SCADA implementation
- ▶ Transmission Line and Substation installation

Section 7: Environmental

- ▶ Acid Rain Program
- ▶ Cross-State Air Pollution Rule (CSAPR)
- ▶ Mercury and Air Toxics Rule (MATS)
- ▶ National Pollutant Discharge Elimination System (NPDES)
- ▶ Coal Combustion Residuals (CCR)

Section 8: Existing Electrical Supply

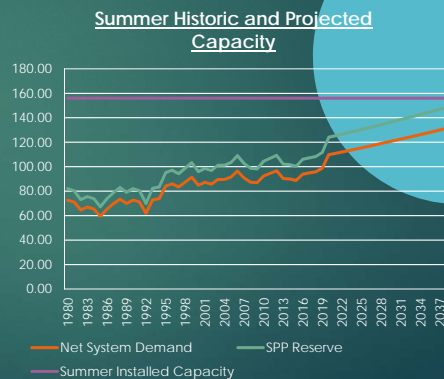
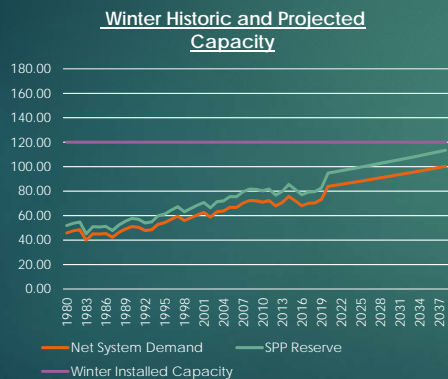
Unit	In-Service Year	Nameplate Rating MW	Rating Net MW	Fuel Supply
LDW Unit 6	1956	16.5	15	Coal / Natural Gas
LDW Unit 7	1962	21	20	Coal / Natural Gas
LDW Unit 8	1976	91.5	82	Coal / Natural Gas
Derril G. Marshall Generating Station	2003	40	36	Natural Gas / #2 Diesel
Solar Farm 1 (SF1)	2018	1.3		Renewable Solar
Solar Farm (SF2)	2018	1.0		Future (10/1/2018)
Cottonwood Wind Project (Joint)	2018	40.89		Renewable Wind (PPA)



Section 9: Fremont Electrical Load and Forecasted Growth

Unit	Net Winter MW Rating (Capacity)	Net Summer MW Rating (Capacity)	Year	Fremont Demand	U8	U7	U6	50T	WAPA	Off System Sales
LDW Unit 6	15 MW	15 MW	2012	442,532.60	353,836.90	54,511.21	44,176.58	1,801.51	26,285.20	38,078.80
LDW Unit 7	20 MW	20 MW	2013	437,914.07	341,597.65	80,914.23	59,920.49	7.54	26,218.80	70,744.64
LDW Unit 8	82 MW	82 MW	2014	438,011.10	333,782.92	85,250.93	55,452.23	57.78	26,289.50	62,822.26
Derril G. Marshall	Assumption 2	36 MW	2015	435,002.80	306,728.04	81,542.68	43,860.50	5,745.58	26,243.90	29,117.90
WAPA	3 MW	3 MW	2016	439,676.51	301,064.91	90,861.97	55,178.61	10,668.62	26,304.00	44,401.60
Capacity Reserve 13%	16 MW	20 MW	2017	432,645.96	351,918.53	66,301.22	36,070.77	499.24	26,249.50	48,393.30
Total Installed Capacity	120 MW	156 MW								
Total Installed Capacity - Reserve	104 MW	136 MW								

Historic and Projected Capacity

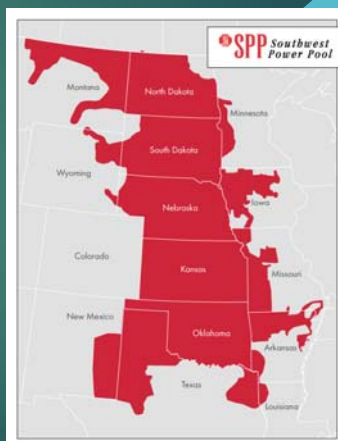


Section 10: Conservation and Demand Side Management

- ▶ Fremont rates among lowest electric rates in the state
- ▶ LED street lights
- ▶ Customer power factor correction incentive
- ▶ COF system power factor correction
- ▶ Fremont will monitor demand and if feasible implement DSM
- ▶ EV incentive program for off peak charging

Section 11: Excess Energy

- ▶ When pricing makes economic sense Fremont puts excess energy into the SPP market
- ▶ As Fremont demand increases the amount of energy available for off system sales will be reduced.
- ▶ Units are dispatched based on reliability and economic conditions.



Section 12: Summary

- ▶ The COF will review that electric demand of the City and compare it against the forecasted demands in this report.
- ▶ The COF will monitor the regulatory agencies for impact to the existing fleet of generation sources.
- ▶ The COF will provide outreach to stakeholders in the City. This will provide the COF the opportunity to gauge the ratepayer's energy trends. This also provides the COF the opportunity for ratepayer input on existing and new generation sources.
- ▶ As illustrated in this report, the City's expected growth in demand, including the new industrial load, should not exceed available generation.
- ▶ The COF will monitor customer preferences in electric supply and resource mixes.

Comment Period and Contact Information

- ▶ Comments must be submitted by August 22, 2018 at 2:00 PM
- ▶ Submit comments to the Integrated Resource Plan to:
 - ▶ Jeff Shanahan, Power Plant Superintendent
 - ▶ Jeff.Shanahan@fremontne.gov